

Tega Cay Water Services, Inc.
Cause No. _____

BEFORE THE
PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA

EXHIBIT
TO ACCOMPANY THE
PREPARED DIRECT TESTIMONY
OF
PAULINE M. AHERN, CRRA
PRINCIPAL
AUS CONSULTANTS

ON BEHALF OF
TEGA CAY WATER SERVICES, INC.

NOVEMBER 2012

Table of Contents
to Exhibit PMA-1
of Pauline M. Ahern, CRRA

	<u>Schedule</u>
Summary of Cost of Capital and Fair Rate of Return	1
Capital Intensity and Depreciation Rates for the AUS Utility Reports Companies	2
Relative Risk Indicators for the AUS Utility Reports Companies	3
Standard & Poor's Public Utility Rating Methodology Profile and Revised Public Utility Financial Indicative Ratios	4
Financial Profile of the Proxy Group of Nine Water Companies	5
Application of the Discounted Cash Flow Model (DCF) to the Proxy Group of Nine Water Companies	6
Current Institutional Holdings	7
Application of the Risk Premium Model (RPM) to the Proxy Group of Nine Water Companies	8
Application of the Capital Asset Pricing Model (CAPM) to the Proxy Group of Nine Water Companies	9
Summary of Cost of Common Equity Models Applied to Comparable Risk Non-Price Regulated Companies to the Proxy Group of Nine Water Companies and Basis of Selection	10
Projected Returns on Book Common Equity for the Comparable Risk Non-Price Regulated Companies to the Proxy Group of Nine Water Companies	11
Applications of the DCF, RPM, and CAPM for the Comparable Risk Non-Price Regulated Companies to the Proxy Group of Nine Water Companies	12
Estimated Market Capitalization for Tega Cay Water Service, Inc. and the Proxy Group of Nine Water Companies	13

Tega Cay Water Services, Inc.
Summary of Cost of Capital and Fair Rate of Return
Condolidated Capital Structure of Utilities, Inc. at December 31, 2011

<u>Type of Capital</u>	<u>Ratios (1)</u>	<u>Cost Rate</u>	<u>Weighted Cost Rate</u>
Long-Term Debt	50.25%	6.60% (1)	3.32%
Common Equity	<u>49.75%</u>	10.80% - 11.30% (2)	<u>5.37% - 5.62%</u>
Total	<u>100.00%</u>		<u>8.69% - 8.94%</u>

Notes:

- (1) From Exhibit DWD-1, Schedule 1.
- (2) Based upon informed judgment from the entire study, the principal results of which are summarized on page 2.

Tega Cay Water Services, Inc.
Brief Summary of Common Equity Cost Rate

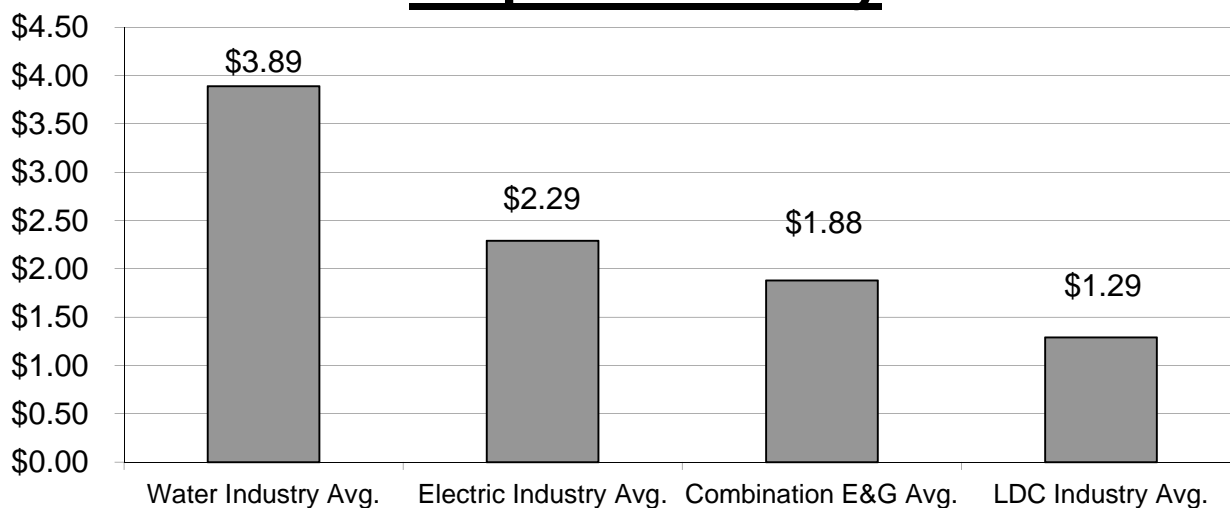
No.	Principal Methods	Proxy Group of Nine Water Companies
1.	Discounted Cash Flow Model (DCF) (1)	8.82%
2.	Risk Premium Model (RPM) (2)	10.53%
3.	Capital Asset Pricing Model (CAPM) (3)	10.69%
4.	Market Models Applied to Comparable Risk, Non-Price Regulated Companies (4)	13.00%
5.	Indicated Common Equity Cost Rate before Adjustment for Business Risks	10.70%
6.	Business Risk Adjustment (5)	0.35%
7.	Indicated Common Equity Cost Rate	11.05%
8.	Range of Recommended Common Equity Cost Rate	10.80% - 11.30%

Notes: (1) From Schedule 6.
(2) From page 1 of Schedule 8.
(3) From page 1 of Schedule 9.
(4) From page 1 of Schedule 10.
(5) Business risk adjustment to reflect Tega Cay Water Services, Inc.'s greater business risk due to its small size relative to the proxy group as detailed in Ms. Ahern's accompanying direct testimony.

Tega Cay Water Services, Inc.
2011 Capital Intensity of the
AUS Utility Reports Utility Companies Industry Averages

	Average Net Plant (\$ mill)	Average Operating Revenue (\$ mill)	Capital Intensity (\$)
Water Industry Average	\$ 2,083.68	\$ 535.05	\$ 3.89
Electric Industry Average	\$ 13,849.32	\$ 6,042.90	\$ 2.29
Combination Elec. & Gas Industry Average	\$ 11,649.44	\$ 6,195.25	\$ 1.88
Gas Distribution Average	\$ 3,062.57	\$ 2,382.29	\$ 1.29

2011 Capital Intensity



Notes:

Capital Intensity is equal to Net Plant divided by Total Operating Revenue.

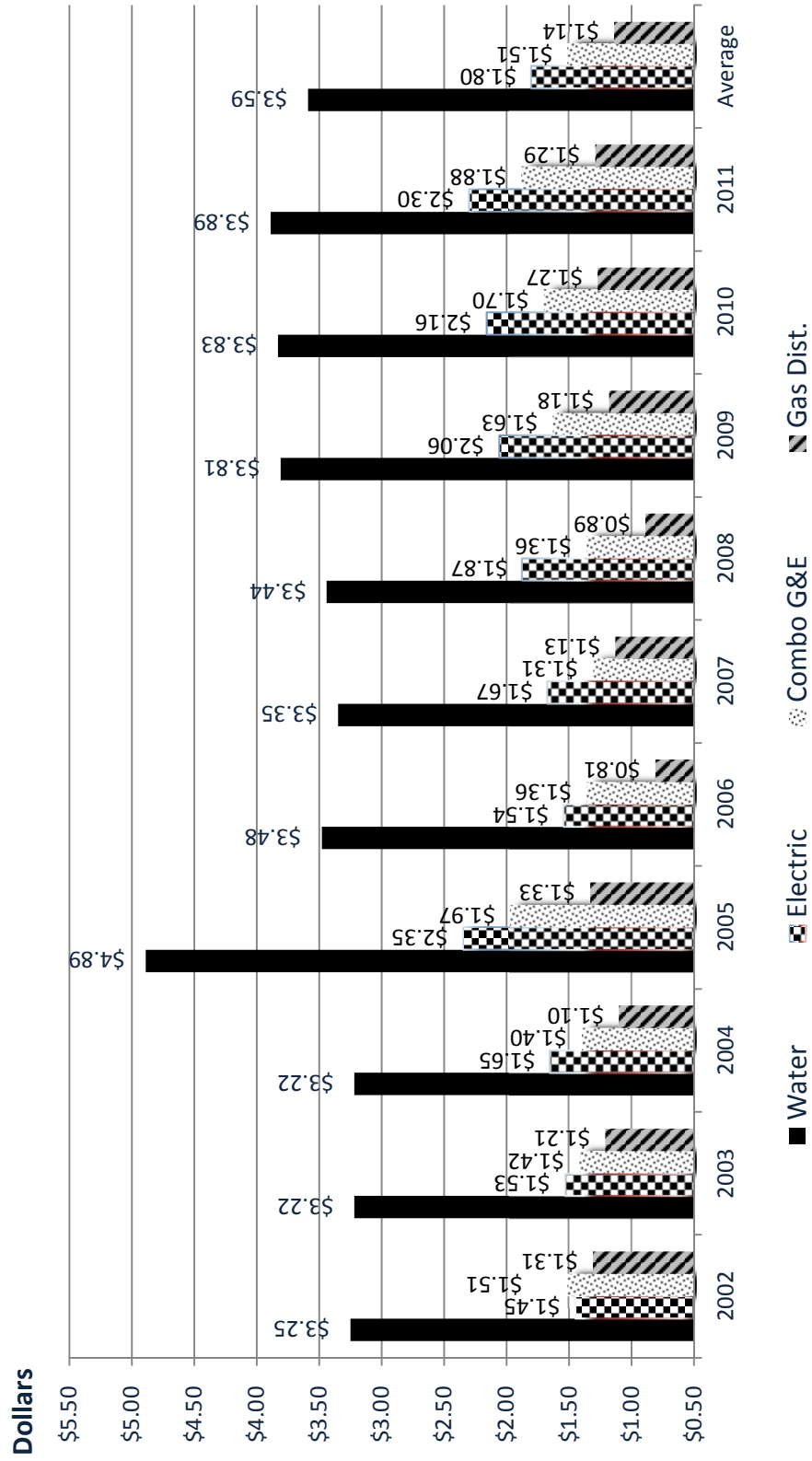
Source of Information:

EDGAR Online's I-Metrix Database
Company Annual Forms 10-K

AUS Utility Reports - May 2012
Published By AUS Consultants

Company Provided Information

Capital Intensity of the AUS Utility Reports Companies 2002 - 2011

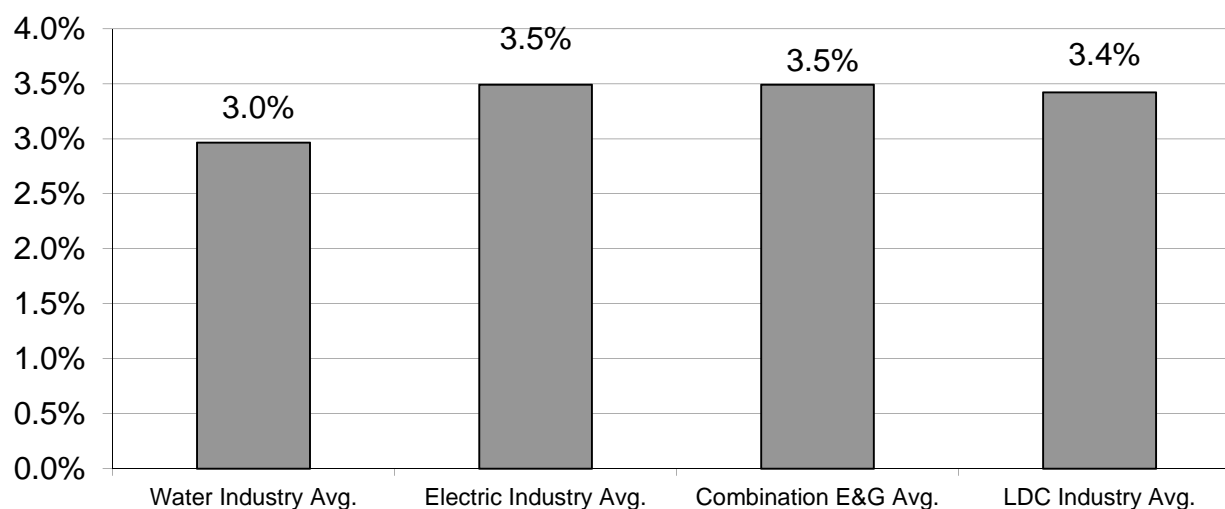


Source of Information: SEC Edgar I-Metrix Online Database

Tega Cay Water Services, Inc.
2011 Depreciation Rate of the
AUS Utility Reports Utility Companies Industry Averages

	Depreciation Depletion & Amort. Expense (\$ mill)	Average Total Gross Plant Less CWIP (\$ mill)	Depreciation Rate (%)
Water Industry Average	\$ 68.22	\$ 2,300.11	3.0%
Electric Industry Average	\$ 632.49	\$ 18,111.66	3.5%
Combination Elec. & Gas Industry Average	\$ 560.74	\$ 16,057.10	3.5%
LDC Gas Distribution Industry Average	\$ 139.95	\$ 4,089.98	3.4%

2011 Effective Depreciation Rate



Notes:

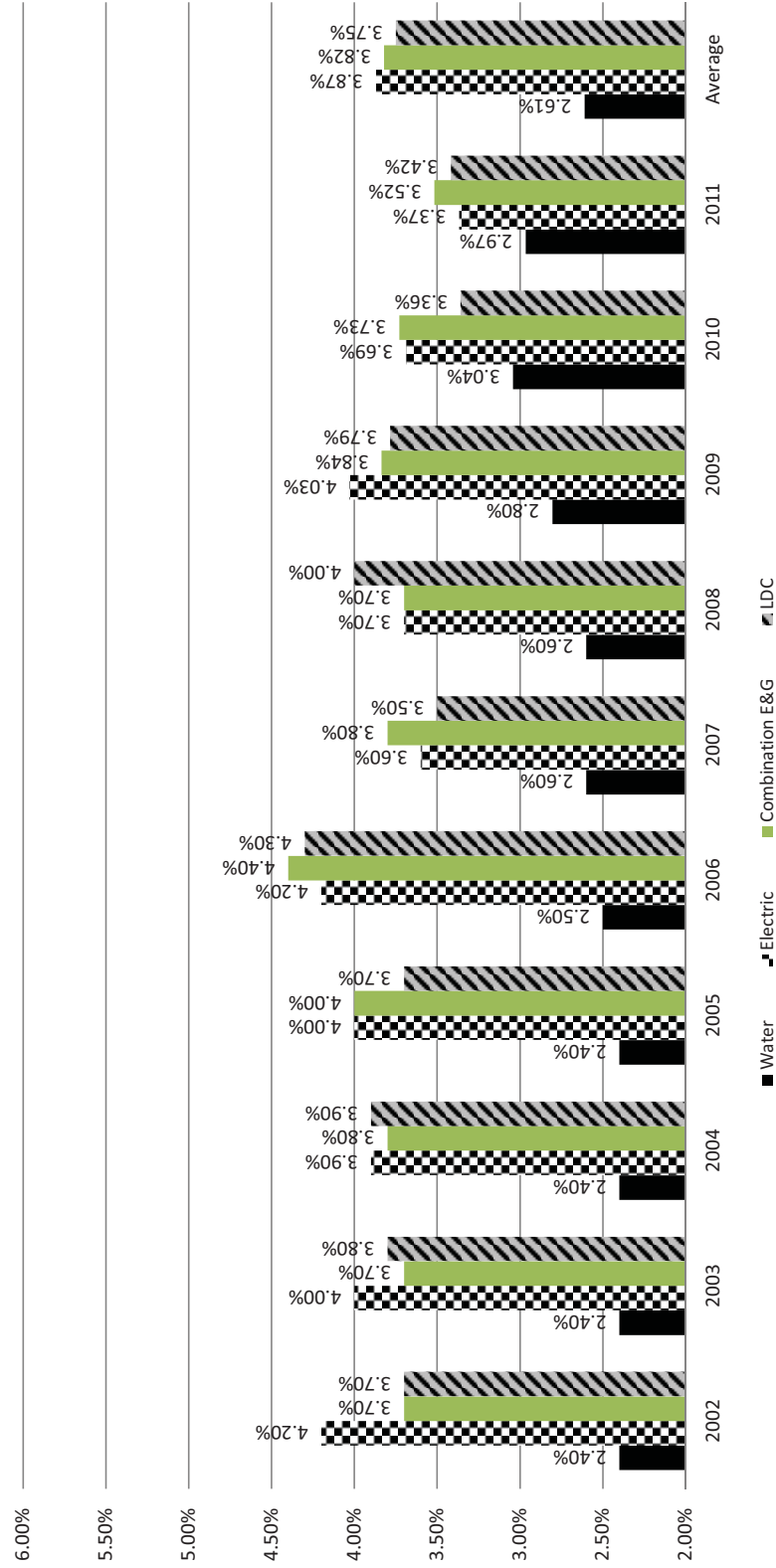
Effective Depreciation Rate is equal to Depreciation, Depletion and Amortization Expense divided by average beginning and ending year's Gross Plant minus Construction Work in Progress.

Source of Information:
EDGAR Online's I-Metrix Database
Company Annual Forms 10-K

AUS Utility Report - May 2012
Published by AUS Consultants

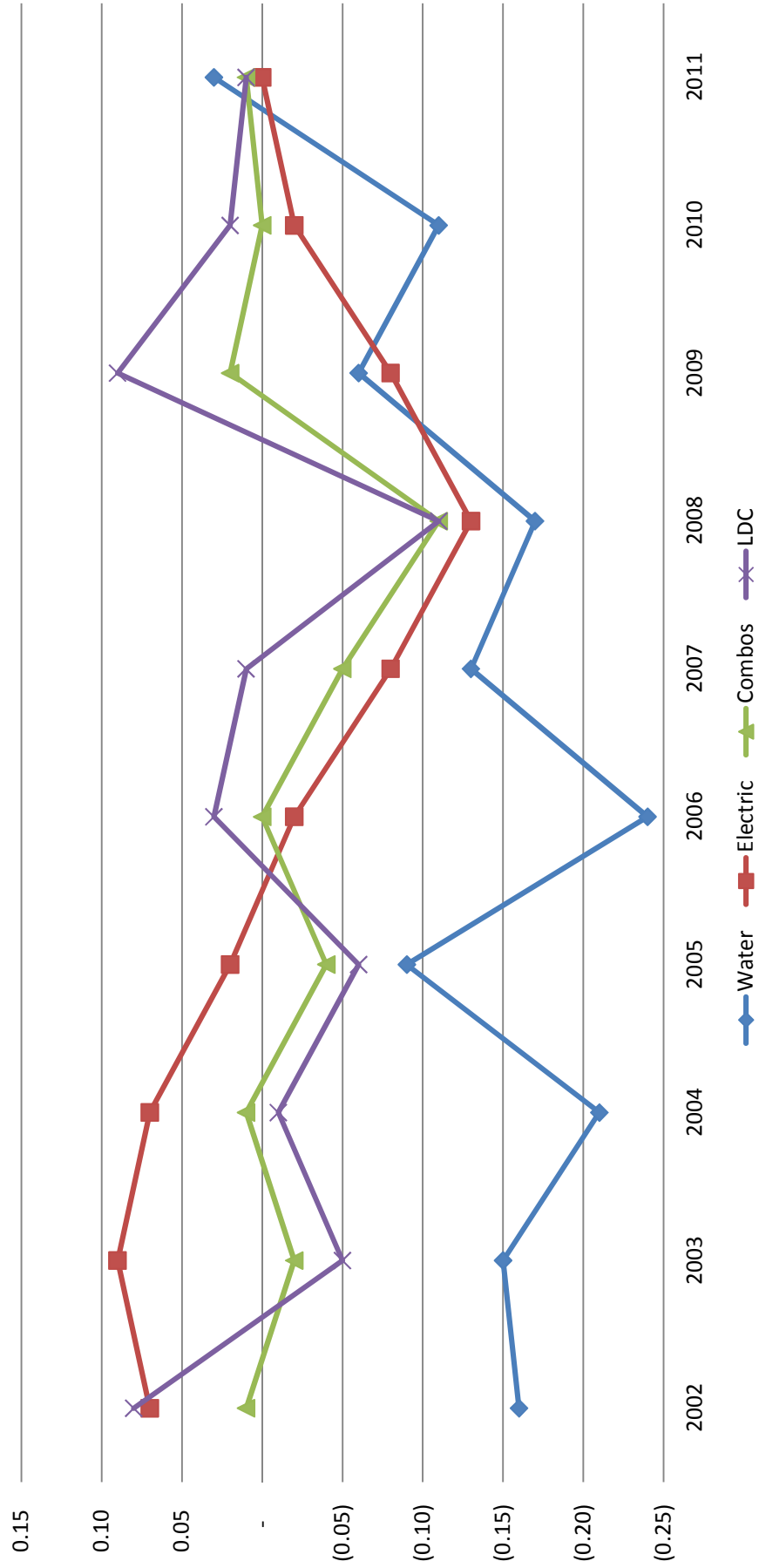
Company Provided Information

Depreciation Rates for the AUS Utility Reports Companies 2002-2011

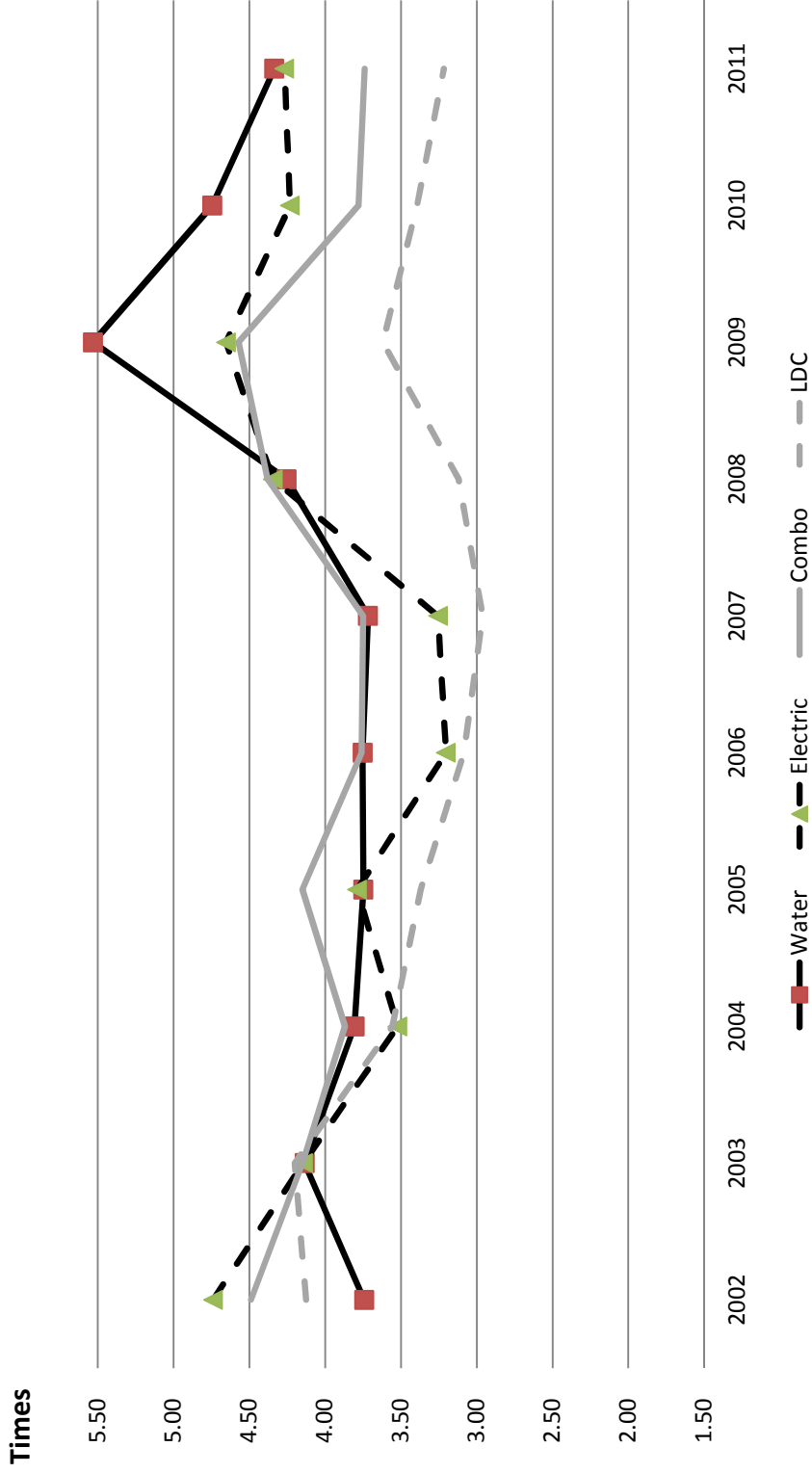


Source of Information: SEC Edgar I-Metrix Online Database

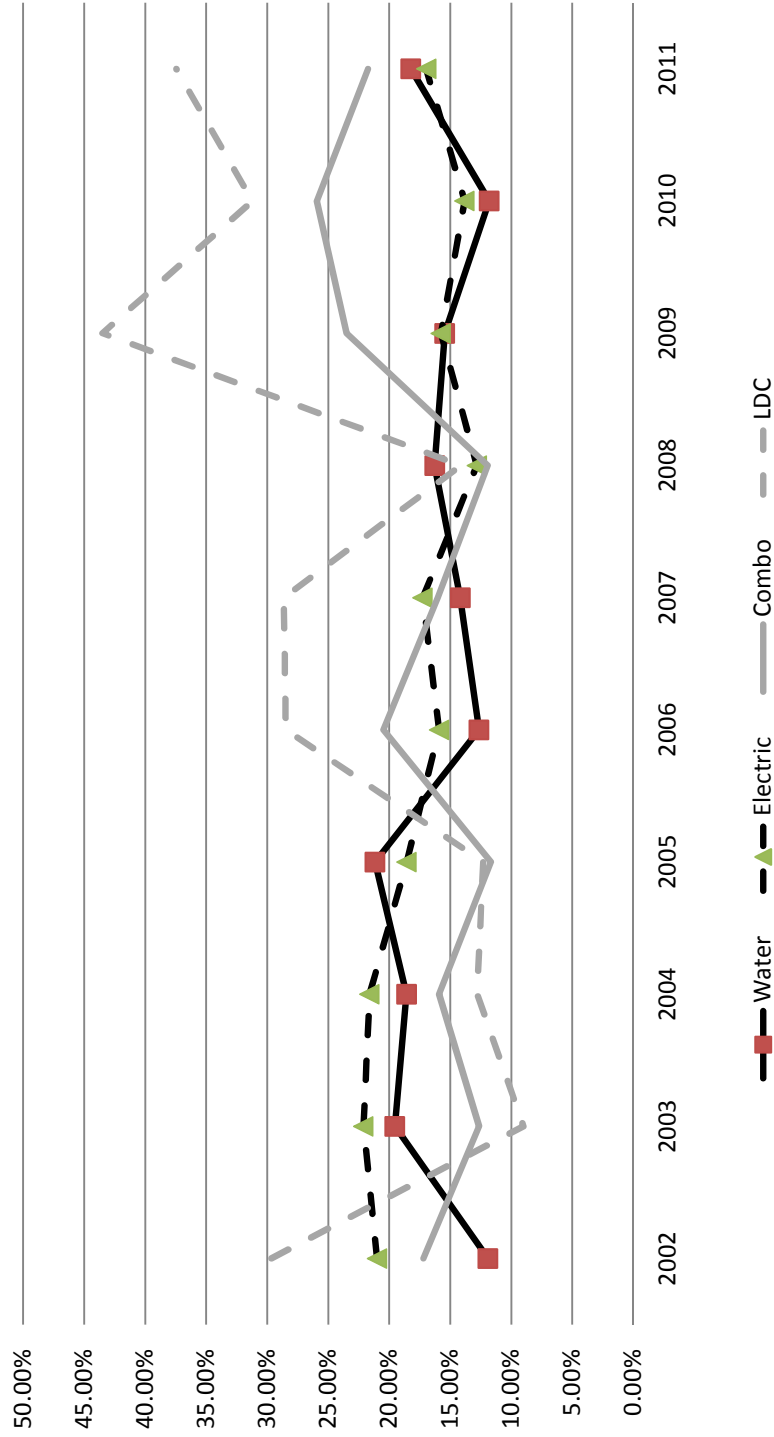
Free Cash Flow / Operating Revenues for the AUS Utility Reports Companies 2002-2011



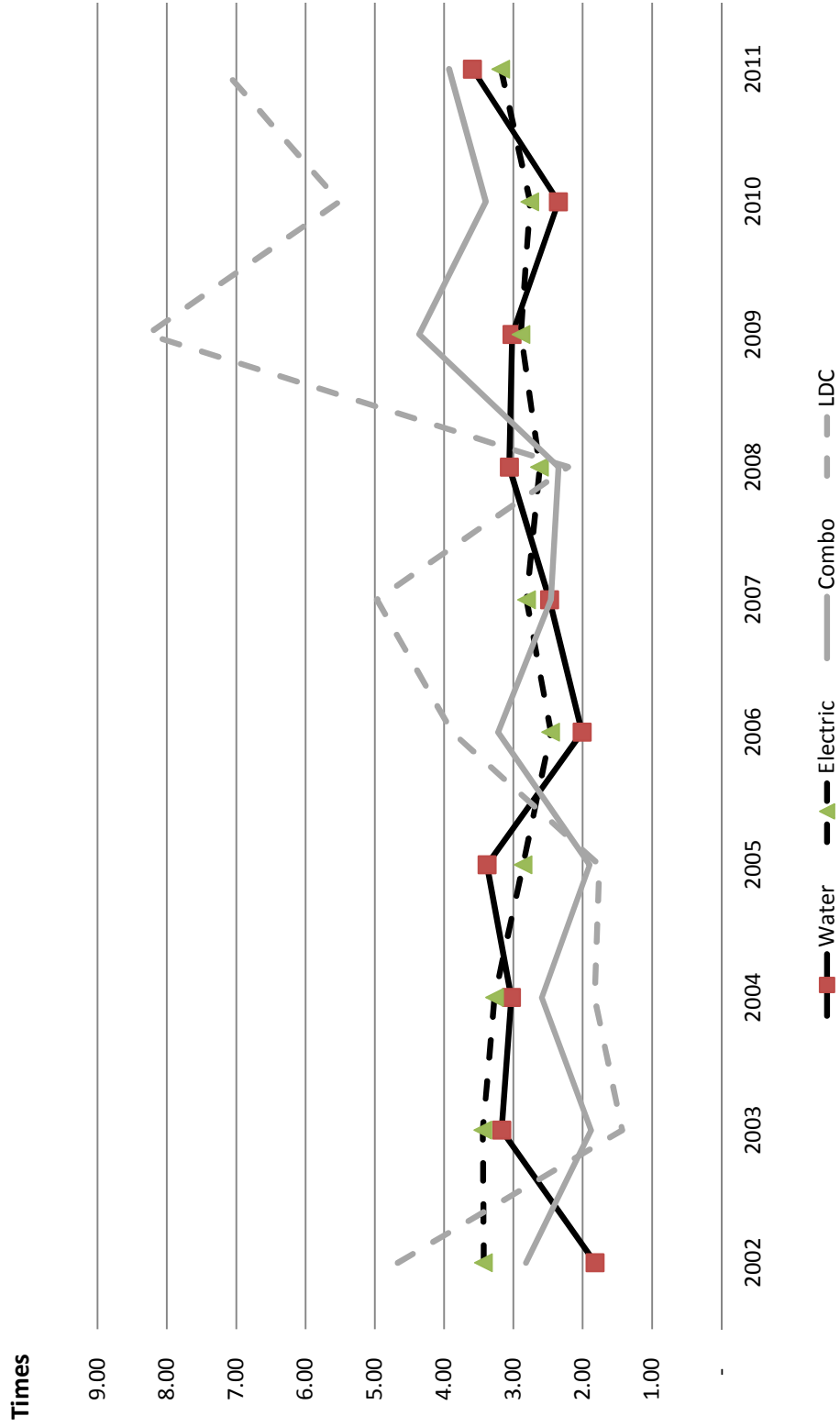
Total Debt / EBITDA for the AUS Utility Reports Companies 2002 - 2011



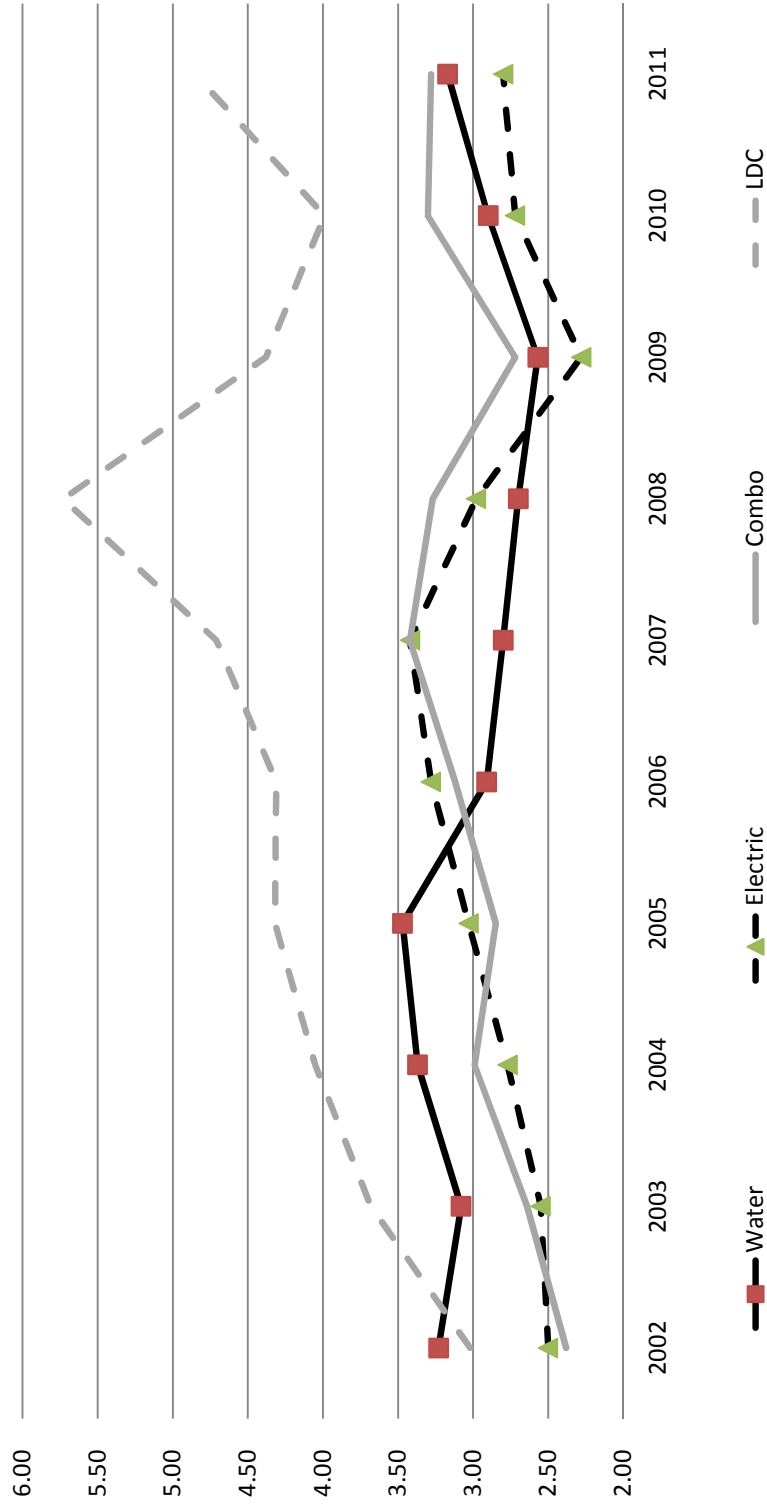
Funds From Ops / Total Debt for the AUS Utility Reports Cos. 2002 - 2011



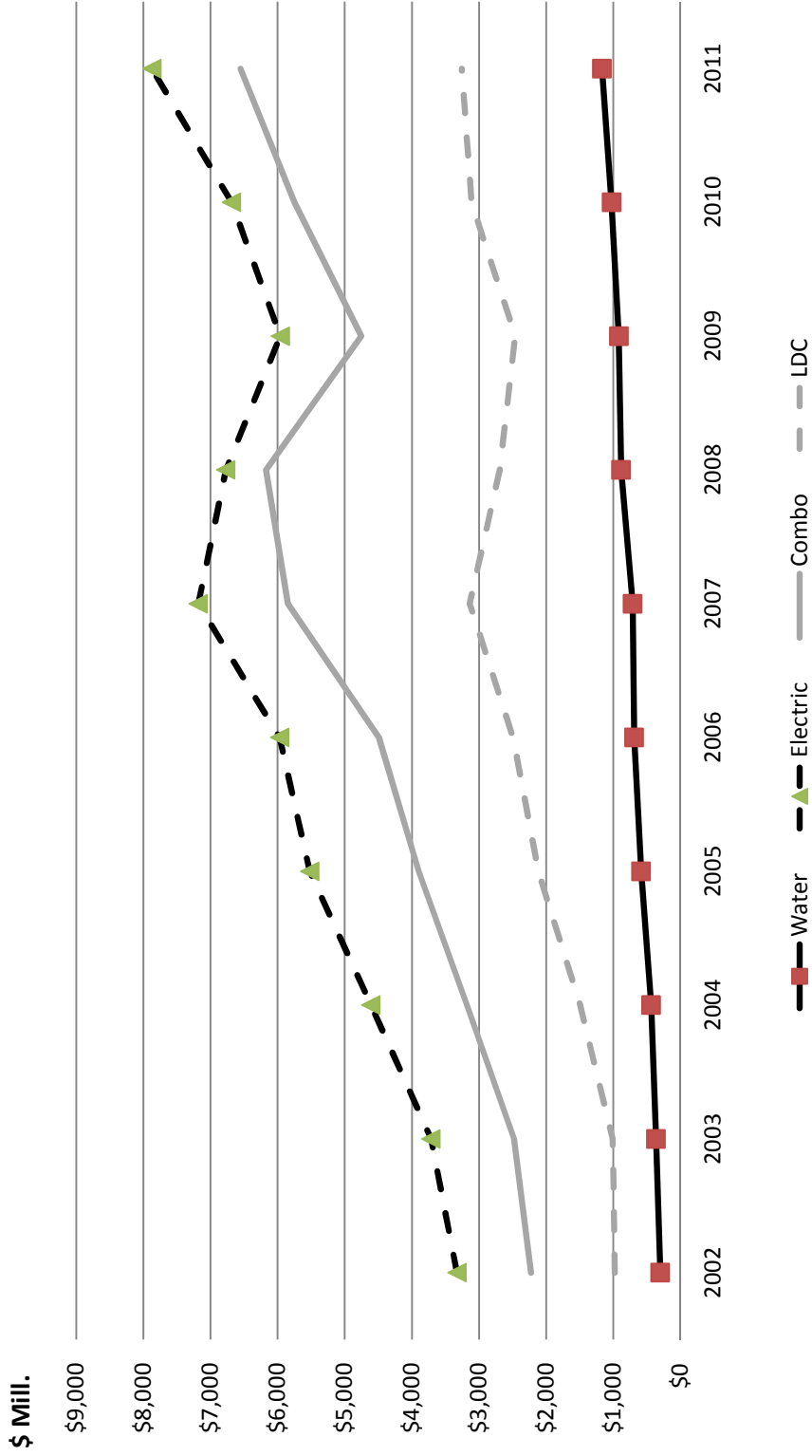
Funds From Ops / Interest Cov. for the AUS Utility Reports Cos. 2002 - 2011



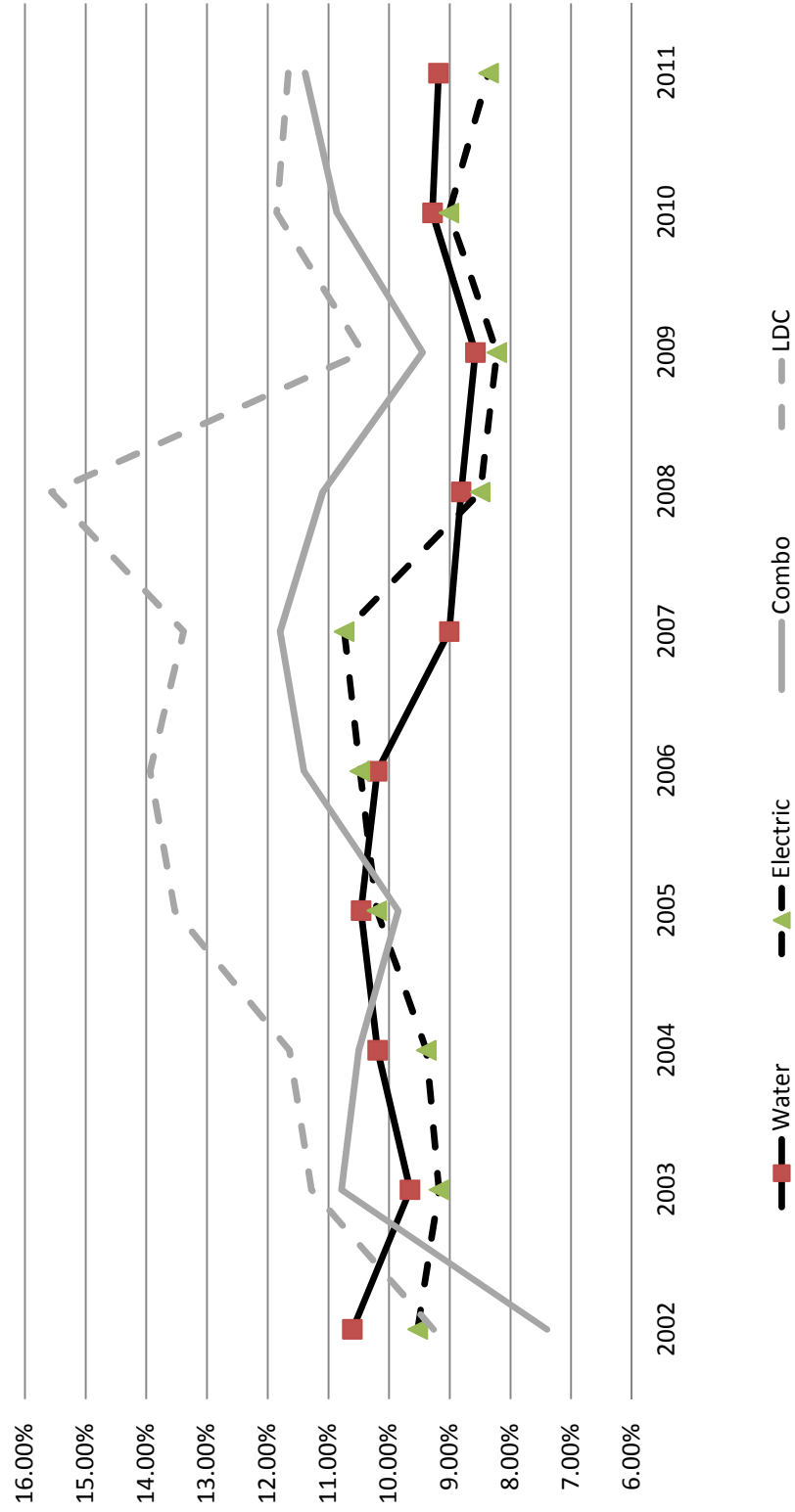
Before-Inc. Tax / Interest Cov. for the AUS Utility Reports Cos. 2002 - 2011



Market Capitalization for the AUS Utility Reports Companies 2002 - 2011



Earned Returns on Common Equity for the AUS Utility Reports Cos. 2002 - 2011



STANDARD
& POOR'S

RATINGS DIRECT®

May 27, 2009

Criteria | Corporates | General:

Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Primary Credit Analysts:

Solomon B Samson, New York (1) 212-438-7653; sol_samson@standardandpoors.com
Emmanuel Dubois-Pelerin, Paris (33) 1-4420-6673; emmanuel_dubois-pelerin@standardandpoors.com

Table Of Contents

Business Risk/Financial Risk Framework

Updated Matrix

Financial Benchmarks

How To Use The Matrix--And Its Limitations

Related Articles

www.standardandpoors.com/ratingsdirect

1

Standard & Poor's. All rights reserved. No reprint or dissemination without S&P's permission. See Terms of Use/Disclaimer on the last page

724152 | 300023552

Criteria | Corporates | General:

Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

(Editor's Note: In the previous version of this article published on May 26, certain of the rating outcomes in the table 1 matrix were misspelled. A corrected version follows.)

Standard & Poor's Ratings Services is refining its methodology for corporate ratings related to its business risk/financial risk matrix, which we published as part of 2008 Corporate Ratings Criteria on April 15, 2008, on RatingsDirect at www.ratingsdirect.com and Standard & Poor's Web site at www.standardandpoors.com.

This article amends and supersedes the criteria as published in Corporate Ratings Criteria, page 21, and the articles listed in the "Related Articles" section at the end of this report.

This article is part of a broad series of measures announced last year to enhance our governance, analytics, dissemination of information, and investor education initiatives. These initiatives are aimed at augmenting our independence, strengthening the rating process, and increasing our transparency to better serve the global markets.

We introduced the business risk/financial risk matrix four years ago. The relationships depicted in the matrix represent an essential element of our corporate analytical methodology.

We are now expanding the matrix, by adding one category to both business and financial risks (see table 1). As a result, the matrix allows for greater differentiation regarding companies rated lower than investment grade (i.e., 'BB' and below).

Table 1

Business And Financial Risk Profile Matrix

Business Risk Profile	Financial Risk Profile					
	Minimal	Modest	Intermediate	Significant	Aggressive	Highly Leveraged
Excellent	AAA	AA	A	A-	BBB	--
Strong	AA	A	A-	BBB	BB	BB-
Satisfactory	A-	BBB+	BBB	BB+	BB-	B+
Fair	--	BBB-	BB+	BB	BB-	B
Weak	--	--	BB	BB-	B+	B-
Vulnerable	--	--	--	B+	B	CCC+

These rating outcomes are shown for guidance purposes only. Actual rating should be within one notch of indicated rating outcomes.

The rating outcomes refer to issuer credit ratings. The ratings indicated in each cell of the matrix are the midpoints of a range of likely rating possibilities. This range would ordinarily span one notch above and below the indicated rating.

Business Risk/Financial Risk Framework

Our corporate analytical methodology organizes the analytical process according to a common framework, and it divides the task into several categories so that all salient issues are considered. The first categories involve fundamental business analysis; the financial analysis categories follow.

Our ratings analysis starts with the assessment of the business and competitive profile of the company. Two companies with identical financial metrics can be rated very differently, to the extent that their business challenges and prospects differ. The categories underlying our business and financial risk assessments are:

Business risk

- Country risk
- Industry risk
- Competitive position
- Profitability/Peer group comparisons

Financial risk

- Accounting
- Financial governance and policies/risk tolerance
- Cash flow adequacy
- Capital structure/asset protection
- Liquidity/short-term factors

We do not have any predetermined weights for these categories. The significance of specific factors varies from situation to situation.

Updated Matrix

We developed the matrix to make explicit the rating outcomes that are typical for various business risk/financial risk combinations. It illustrates the relationship of business and financial risk profiles to the issuer credit rating.

We tend to weight business risk slightly more than financial risk when differentiating among investment-grade ratings. Conversely, we place slightly more weight on financial risk for speculative-grade issuers (see table 1, again). There also is a subtle compounding effect when both business risk and financial risk are aligned at extremes (i.e., excellent/minimal and vulnerable/highly leveraged.)

The new, more granular version of the matrix represents a refinement--not any change in rating criteria or standards--and, consequently, holds no implications for any changes to existing ratings. However, the expanded matrix should enhance the transparency of the analytical process.

Financial Benchmarks

Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Table 2

Financial Risk Indicative Ratios (Corporates)			
	FFO/Debt (%)	Debt/EBITDA (x)	Debt/Capital (%)
Minimal	greater than 60	less than 1.5	less than 25
Modest	45-60	1.5-2	25-35
Intermediate	30-45	2-3	35-45
Significant	20-30	3-4	45-50
Aggressive	12-20	4-5	50-60
Highly Leveraged	less than 12	greater than 5	greater than 60

How To Use The Matrix--And Its Limitations

The rating matrix indicative outcomes are what we typically observe--but are not meant to be precise indications or guarantees of future rating opinions. Positive and negative nuances in our analysis may lead to a notch higher or lower than the outcomes indicated in the various cells of the matrix.

In certain situations there may be specific, overarching risks that are outside the standard framework, e.g., a liquidity crisis, major litigation, or large acquisition. This often is the case regarding credits at the lowest end of the credit spectrum--i.e., the 'CCC' category and lower. These ratings, by definition, reflect some impending crisis or acute vulnerability, and the balanced approach that underlies the matrix framework just does not lend itself to such situations.

Similarly, some matrix cells are blank because the underlying combinations are highly unusual--and presumably would involve complicated factors and analysis.

The following hypothetical example illustrates how the tables can be used to better understand our rating process (see tables 1 and 2).

We believe that Company ABC has a satisfactory business risk profile, typical of a low investment-grade industrial issuer. If we believed its financial risk were intermediate, the expected rating outcome should be within one notch of 'BBB'. ABC's ratios of cash flow to debt (35%) and debt leverage (total debt to EBITDA of 2.5x) are indeed characteristic of intermediate financial risk.

It might be possible for Company ABC to be upgraded to the 'A' category by, for example, reducing its debt burden to the point that financial risk is viewed as minimal. Funds from operations (FFO) to debt of more than 60% and debt to EBITDA of only 1.5x would, in most cases, indicate minimal.

Conversely, ABC may choose to become more financially aggressive--perhaps it decides to reward shareholders by borrowing to repurchase its stock. It is possible that the company may fall into the 'BB' category if we view its financial risk as significant. FFO to debt of 20% and debt to EBITDA 4x would, in our view, typify the significant financial risk category.

Still, it is essential to realize that the financial benchmarks are guidelines, neither gospel nor guarantees. They can vary in nonstandard cases: For example, if a company's financial measures exhibit very little volatility, benchmarks may be somewhat more relaxed.

Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Moreover, our assessment of financial risk is not as simplistic as looking at a few ratios. It encompasses:

- a view of accounting and disclosure practices;
- a view of corporate governance, financial policies, and risk tolerance;
- the degree of capital intensity, flexibility regarding capital expenditures and other cash needs, including acquisitions and shareholder distributions; and
- various aspects of liquidity--including the risk of refinancing near-term maturities.

The matrix addresses a company's standalone credit profile, and does not take account of external influences, which would pertain in the case of government-related entities or subsidiaries that in our view may benefit or suffer from affiliation with a stronger or weaker group. The matrix refers only to local-currency ratings, rather than foreign-currency ratings, which incorporate additional transfer and convertibility risks. Finally, the matrix does not apply to project finance or corporate securitizations.

Related Articles

Industrials' Business Risk/Financial Risk Matrix--A Fundamental Perspective On Corporate Ratings, published April 7, 2005, on RatingsDirect.

Copyright © 2009, Standard & Poors, a division of The McGraw-Hill Companies, Inc. (S&P). S&P and/or its third party licensors have exclusive proprietary rights in the data or information provided herein. This data/information may only be used internally for business purposes and shall not be used for any unlawful or unauthorized purposes. Dissemination, distribution or reproduction of this data/information in any form is strictly prohibited except with the prior written permission of S&P. Because of the possibility of human or mechanical error by S&P, its affiliates or its third party licensors, S&P, its affiliates and its third party licensors do not guarantee the accuracy, adequacy, completeness or availability of any information and is not responsible for any errors or omissions or for the results obtained from the use of such information. S&P GIVES NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. In no event shall S&P, its affiliates and its third party licensors be liable for any direct, indirect, special or consequential damages in connection with subscribers or others use of the data/information contained herein. Access to the data or information contained herein is subject to termination in the event any agreement with a third-party of information or software is terminated.

Analytic services provided by Standard & Poor's Ratings Services (Ratings Services) are the result of separate activities designed to preserve the independence and objectivity of ratings opinions. The credit ratings and observations contained herein are solely statements of opinion and not statements of fact or recommendations to purchase, hold, or sell any securities or make any other investment decisions. Accordingly, any user of the information contained herein should not rely on any credit rating or other opinion contained herein in making any investment decision. Ratings are based on information received by Ratings Services. Other divisions of Standard & Poor's may have information that is not available to Ratings Services. Standard & Poor's has established policies and procedures to maintain the confidentiality of non-public information received during the ratings process.

Ratings Services receives compensation for its ratings. Such compensation is normally paid either by the issuers of such securities or third parties participating in marketing the securities. While Standard & Poor's reserves the right to disseminate the rating, it receives no payment for doing so, except for subscriptions to its publications. Additional information about our ratings fees is available at www.standardandpoors.com/usratingsfees.

Any Passwords/user IDs issued by S&P to users are single user-dedicated and may ONLY be used by the individual to whom they have been assigned. No sharing of passwords/user IDs and no simultaneous access via the same password/user ID is permitted. To reprint, translate, or use the data or information other than as provided herein, contact Client Services, 55 Water Street, New York, NY 10041; (1)212.438.7280 or by e-mail to: research_request@standardandpoors.com.

Proxy Group of Nine Water Companies
CAPITALIZATION AND FINANCIAL STATISTICS (1)
2007 - 2011, Inclusive

	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	
	(MILLIONS OF DOLLARS)					
<u>CAPITALIZATION STATISTICS</u>						
<u>AMOUNT OF CAPITAL EMPLOYED</u>						
TOTAL PERMANENT CAPITAL	\$1,736.912	\$1,712.951	\$1,641.561	\$1,537.371	\$1,561.064	
SHORT-TERM DEBT	<u>\$81.076</u>	<u>\$53.463</u>	<u>\$31.243</u>	<u>\$84.104</u>	<u>\$37.360</u>	
TOTAL CAPITAL EMPLOYED	<u>\$1,817.988</u>	<u>\$1,766.414</u>	<u>\$1,672.804</u>	<u>\$1,621.475</u>	<u>\$1,598.424</u>	
<u>INDICATED AVERAGE CAPITAL COST RATES (2)</u>						
TOTAL DEBT	5.36 %	5.37 %	5.31 %	5.58 %	6.08 %	
PREFERRED STOCK	5.53	5.54	5.54	5.75	4.36	
						<u>5 YEAR</u>
						<u>AVERAGE</u>
<u>CAPITAL STRUCTURE RATIOS</u>						
BASED ON TOTAL PERMANENT CAPITAL:						
LONG-TERM DEBT	50.69 %	50.97 %	50.80 %	50.35 %	49.46 %	50.46 %
PREFERRED STOCK	0.18	0.19	0.21	0.22	0.31	0.22
COMMON EQUITY	<u>49.13</u>	<u>48.84</u>	<u>48.99</u>	<u>49.43</u>	<u>50.23</u>	<u>49.32</u>
TOTAL	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>
BASED ON TOTAL CAPITAL:						
TOTAL DEBT, INCLUDING SHORT-TERM	52.55 %	53.49 %	53.33 %	53.43 %	50.59 %	52.68 %
PREFERRED STOCK	0.17	0.18	0.19	0.21	0.31	0.21
COMMON EQUITY	<u>47.28</u>	<u>46.33</u>	<u>46.48</u>	<u>46.36</u>	<u>49.10</u>	<u>47.11</u>
TOTAL	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>	<u>100.00 %</u>
<u>FINANCIAL STATISTICS</u>						
<u>FINANCIAL RATIOS - MARKET BASED</u>						
EARNINGS / PRICE RATIO	5.31 %	5.59 %	3.90 %	2.40 %	4.60 %	4.36 %
MARKET / AVERAGE BOOK RATIO	169.91	164.15	152.04	171.34	202.33	171.95
DIVIDEND YIELD	3.59	3.78	4.20	4.01	3.45	3.81
DIVIDEND PAYOUT RATIO	67.87	66.67	60.06	64.23	71.87	66.14
<u>RATE OF RETURN ON AVERAGE BOOK COMMON EQUITY</u>	8.99 %	8.98 %	6.99 %	6.39 %	7.09 %	7.69 %
<u>TOTAL DEBT / EBITDA (3)</u>	4.34 X	4.75 X	5.53 X	9.07 X	5.59 X	5.86 X
<u>FUNDS FROM OPERATIONS / TOTAL DEBT (4)</u>	18.82 %	17.10 %	16.41 %	16.14 %	15.04 %	16.70 %
TOTAL DEBT / TOTAL CAPITAL	52.55 %	53.49 %	53.33 %	53.43 %	50.59 %	52.68 %

Notes:

- (1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group, and are based upon financial statements as originally reported in each year.
- (2) Computed by relating actual total debt interest or preferred stock dividends booked to average of beginning and ending total debt or preferred stock reported to be outstanding.
- (3) Total debt relative to EBITDA (Earnings before Interest, Income Taxes, Depreciation and Amortization).
- (4) Funds from operations (sum of net income, depreciation, amortization, net deferred income tax and investment tax credits, less total AFUDC) plus interest charges as a percentage of total debt.

Source of Information: I-Metrix Database
Company SEC Form 10-K

Tega Cay Water Services, Inc.
Indicated Common Equity Cost Rate Using the Discounted Cash Flow Model for
the Proxy Group of Nine Water Companies

	1	2	3	4	5	6	7	8
		Value Line Projected Five Year Growth in EPS (2)	Reuters Mean Consensus Projected Five Year Growth Rate in EPS	Zack's Five Year Projected Growth Rate in EPS	Yahoo! Finance Projected Five Year Growth in EPS	Average Projected Five Year Growth in EPS (3)	Adjusted Dividend Yield (4)	Indicated Common Equity Cost Rate (5)
<u>Proxy Group of Nine Water Companies</u>	<u>Average Dividend Yield (1)</u>							
American States Water Co.	2.55 %	5.50 %	7.60 %	6.00 %	4.00 %	5.78 %	2.62 %	8.40 %
American Water Works Co., Inc.	2.70	8.00	10.00	8.30	7.60	8.48	2.81	11.29
Aqua America, Inc.	2.64	7.00	7.90	6.60	6.90	7.10	2.73	9.83
Artesian Resources Corp.	3.49	NA	6.00	NA	4.00	5.00	3.58	8.58
California Water Service Group	3.40	6.00	5.00	5.00	5.00	5.25	3.49	8.74
Connecticut Water Service, Inc.	3.05	NA	8.00	NA	6.10	7.05	3.16	10.21
Middlesex Water Company	3.88	7.00	(5.00)	NA	2.70	4.85	3.97	8.82
SJW Corporation	2.93	6.50	NA	NA	14.00	10.25	3.08	13.33
York Water Company	3.00	NA	6.00	NA	4.90	5.45	3.08	8.53
Average								<u>9.75 %</u>
Median								<u>8.82 %</u>

NA= Not Available
NMF = Not Meaningful Figure

Notes:

- (1) Indicated dividend at 10/31/2012 divided by the average closing price of the last 60 trading days ending 10/31/2012 for each company.
- (2) From pages 2 through 10 of this Schedule.
- (3) Average of columns 2 through 5 excluding negative growth rates.
- (4) This reflects a growth rate component equal to one-half the conclusion of growth rate (from column 6) x column 1 to reflect the periodic payment of dividends (Gordon Model) as opposed to the continuous payment. Thus, for American States Water Co. , $2.55\% \times (1 + (1/2 \times 5.78\%)) = 2.62\%$.
- (5) Column 6 + column 7.

Source of Information:

Value Line Investment Survey
www.reuters.com Downloaded on 11/01/2012
www.zacks.com Downloaded on 11/01/2012
www.yahoo.com Downloaded on 11/01/2012

AMER. STATES WATER NYSE-AWR										RECENT PRICE	44.03	P/E RATIO	18.2 (Trailing: 17.5 Median: 22.0)	RELATIVE P/E RATIO	1.20	DIV'D YLD	3.2%	VALUE LINE			
TIMELINESS	3	Lowered 9/28/12	High: 26.4	29.0	29.0	26.8	34.6	43.8	46.1	42.0	38.8	39.6	36.4	45.4					Target Price	2015	2017
SAFETY	2	Raised 7/20/12	Low: 19.0	20.3	21.6	20.8	24.3	30.3	33.6	27.0	29.8	31.2	30.5	34.1							
TECHNICAL	3	Raised 10/12/12	LEGENDS 1.25 x Dividends p sh divided by Interest Rate Relative Price Strength 3-for-2 split 6/02 Options: Yes Shaded areas indicate recessions																		
BETA	.70	(1.00 = Market)																			
2015-17 PROJECTIONS																					
Price	60	Gain (+35%)	Ann'l Total Return																		
High	60	45	(Nil)	11% 4%																	
Insider Decisions																					
N	D	J	F	M	A	M	J	J													
to Buy	0	0	0	0	0	0	0	0													
Options	5	2	0	2	2	0	4	2													
to Sell	5	2	0	2	2	0	4	2													
Institutional Decisions																					
4Q2011	1Q2012	2Q2012																			
to Buy	86	69	83																		
to Sell	40	63	50																		
Hid's(000)	11493	11810	11968																		
Percent shares traded				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															
				12	8	4															

AMERICAN WATER NYSE-AWK										RECENT PRICE	36.75	P/E RATIO	16.7 (Trailing: 18.8 Median: NMF)	RELATIVE P/E RATIO	1.10	DIV'D YLD	2.7%	VALUE LINE					
TIMELINESS	2	Lowered 10/19/12																	Target Price	2015	2016	2017	
SAFETY	3	New 7/25/08																					
TECHNICAL	3	Raised 10/12/12																					
BETA	.65	(1.00 = Market)																					
2015-17 PROJECTIONS																							
Price	55	Gain (+50%)	Ann'l Total Return																				
High	55		13%																				
Low	30		-1%																				
Insider Decisions																							
N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
J	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
J	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Institutional Decisions																							
4Q2011	181	164	202012																				
to Buy	181	164	176																				
to Sell	136	163	162																				
Hld's(000)	138169	141669	140028																				
Percent shares traded	21	14	7																				
% TOT. RETURN 9/12																							
THIS STOCK INDEX																							
1 yr. 26.3 28.2																							
3 yr. 105.6 42.3																							
5 yr. — 29.3																							
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	© VALUE LINE PUB. LLC 15-17					
--	--	--	--	--	--	--	--	--	--	13.08	13.84	14.61	13.98	15.49	15.18	16.40	16.55	Revenues per sh	18.15				
--	--	--	--	--	--	--	--	--	--	.65	d.47	2.87	2.89	3.56	3.74	4.25	4.30	"Cash Flow" per sh	4.70				
--	--	--	--	--	--	--	--	--	--	d.97	d2.14	1.10	1.25	1.53	1.72	2.15	2.20	Earnings per sh ^A	2.40				
--	--	--	--	--	--	--	--	--	--	--	--	.40	.82	.86	.91	.98	1.04	Div'd Decl'd per sh ^B	1.25				
--	--	--	--	--	--	--	--	--	--	4.31	4.74	6.31	4.50	4.38	5.27	5.35	5.30	Cap'l Spending per sh	5.00				
--	--	--	--	--	--	--	--	--	--	23.86	28.39	25.64	22.91	23.59	24.14	25.40	25.70	Book Value per sh ^D	26.70				
--	--	--	--	--	--	--	--	--	--	160.00	160.00	160.00	174.63	175.00	175.66	177.00	180.00	Common Shs Outst'g ^C	190.00				
--	--	--	--	--	--	--	--	--	--	--	--	18.9	15.6	14.6	16.7	17.0	17.0	Avg Ann'l P/E Ratio	19.0				
--	--	--	--	--	--	--	--	--	--	--	--	1.14	1.04	.93	1.05	1.05	1.05	Relative P/E Ratio	1.25				
--	--	--	--	--	--	--	--	--	--	--	--	1.9%	4.2%	3.8%	3.1%	3.1%	3.1%	Avg Ann'l Div'd Yield	2.8%				
CAPITAL STRUCTURE as of 6/30/12																							
Total Debt \$5685.4 mill. Due in 5 Yrs \$407.6 mill.																							
LT Debt \$5203.1 mill. LT Interest \$292.0 mill.																							
(Total interest coverage: 3.5x) (54% of Cap'l)																							
Leases, Uncapitalized: Annual rentals \$21.5 mill.																							
Pension Assets-12/11 \$981.1 mill.																							
Oblig. \$1402.0 mill.																							
Pfd Stock \$19.3 mill. Pfd Div'd \$7.7 mill																							
Common Stock 176,430,023 shs. as of 7/26/12																							
MARKET CAP: \$6.5 billion (Large Cap)																							
CURRENT POSITION (\$MILL.)																							
Cash Assets	13.1	14.2	12.9																				
Other	521.2	1383.5	593.5																				
Current Assets	534.3	1397.7	606.4																				
Accts Payable	199.2	243.7	183.9																				
Debt Due	44.8	543.9	482.3																				
Other	530.5	701.5	357.8																				
Current Liab.	774.5	1489.1	1018.0																				
Fix. Chg. Cov.	237%	256%	300%																				
ANNUAL RATES of change (per sh)																							
Revenues	--	--	3.5%																				
"Cash Flow"	--	--	5.5%																				
Earnings	--	--	8.0%																				
Dividends	--	--	6.5%																				
Book Value	--	--	2.0%																				
Cal-endar	QUARTERLY REVENUES (\$ mill.)				Full Year																		
	Mar.31	Jun. 30	Sep. 30	Dec. 31																			
2009	550.2	612.7	680.0	597.8	2440.7																		
2010	588.1	671.2	786.9	664.5	2710.7																		
2011	596.7	668.8	760.9	639.8	2666.2																		
2012	618.6	745.6	825.8	715	2905																		
2013	640	740	860	735	2975																		
Cal-endar	EARNINGS PER SHARE ^A				Full Year																		
	Mar.31	Jun. 30	Sep. 30	Dec. 31																			
2009	.19	.32	.52	.21	1.25																		
2010	.18	.42	.71	.23	1.53																		
2011	.23	.42	.73	.34	1.72																		
2012	.28	.66	.81	.40	2.15																		
2013	.33	.65	.80	.42	2.20																		
Cal-endar	QUARTERLY DIVIDENDS PAID ^B				Full Year																		
	Mar.31	Jun.30	Sep.30	Dec.31																			
2008	--	--	.20	.20	.40																		
2009	.20	.20	.21	.21	.82																		
2010	.21	.21	.22	.22	.86																		
2011	.22	.23	.23	.23	.91																		
2012	.23	.23	.25																				

BUSINESS: American Water Works Company, Inc. is the largest investor-owned water and wastewater utility in the U.S., providing services to over 15 million people in over 30 states and Canada. Its unregulated business assists municipalities and military bases with the maintenance and upkeep as well. Regulated operations made up 88.9% of 2011 revenues. New Jersey is its biggest market

Accounting: accounting for 20.9% of revenues. Has roughly 7,000 employees. Depreciation rate, 2.5% in '11. BlackRock, Inc., owns 7.4% of the common stock outstanding. Off. & dir. own less than 1% (3/12 Proxy). President & CEO; Jeffrey Sterba. Chairman; George Mackenzie. Address: 1025 Laurel Oak Road, Voorhees, NJ 08043. Telephone: 856-346-8200. Internet: www.amwater.com.

American Water Works posted record earnings in the second quarter. The nation's largest publicly traded water utility recorded profits of \$0.66 a share, 57% better than the year before. Revenue growth of 12% trounced expectations, thanks to favorable weather and strong pumpage, while costs remained relatively steady. The earlier portfolio optimization helped, removing less profitable businesses from the mix, but maybe more impressive was that management was able to keep maintenance costs under control.

We have raised our full-year share-net estimate by \$0.20, but only tweaked our second-half call slightly upward. Our overall decision was largely a result of the aforementioned success. Although we believe that the top line will continue to benefit from favorable regulatory rulings, it is hard to imagine the cost base not rising going forward. Indeed, the company is slated to make a number of infrastructure upgrades as a result of aging systems. Thus, we look for costs to begin to mount, thereby cutting into margins, despite efforts to keep expenses in check.

This stock ought to interest momentum accounts. AWK is ranked 2 (Above Average) for Timeliness based on the recent earnings strength. Growth is likely to remain solid over the next six to 12 months, too, benefiting from a supportive regulatory body and more-streamlined operations. The company will probably not have to seek much outside financing in the near term, either, as the proceeds from divestitures ease capital burdens a bit.

That said, we are a bit more skeptical about growth prospects further out. Specifically, we worry about the American's financial situation and the capital-intensive nature of this business. The company is slated to spend over \$900 million on its infrastructure this year, and we do not envision that figure trending much lower in the years ahead. This endeavor will easily eat up any cash reserves and cash flow being generated by operations. Management will have to float more debt and stock in order to meet these obligations, but such actions will temper investor gains. The dividend is better than that of the average issue covered in our *Survey*, but not of the average utility provider.

Andre J. Costanza
October 19, 2012

(A) Diluted earnings. Excludes nonrecurring losses: '08, \$4.62; '09, \$2.63; '11, \$0.07. Discontinued operations: '06, (4¢); '11, 3¢; '12, (10¢).

Next earnings report due early Nov. Quarterly earnings may not sum due to rounding. (B) Dividends paid in March, June, September, and December. ■ Div. reinvestment available.

(C) In millions. (D) Includes intangibles. In 2011: \$1.195 billion, \$9.80/share.

Company's Financial Strength B
Stock's Price Stability 95
Price Growth Persistence 85
Earnings Predictability 15

© 2012, Value Line Publishing LLC. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or marketing any printed or electronic publication, service or product.

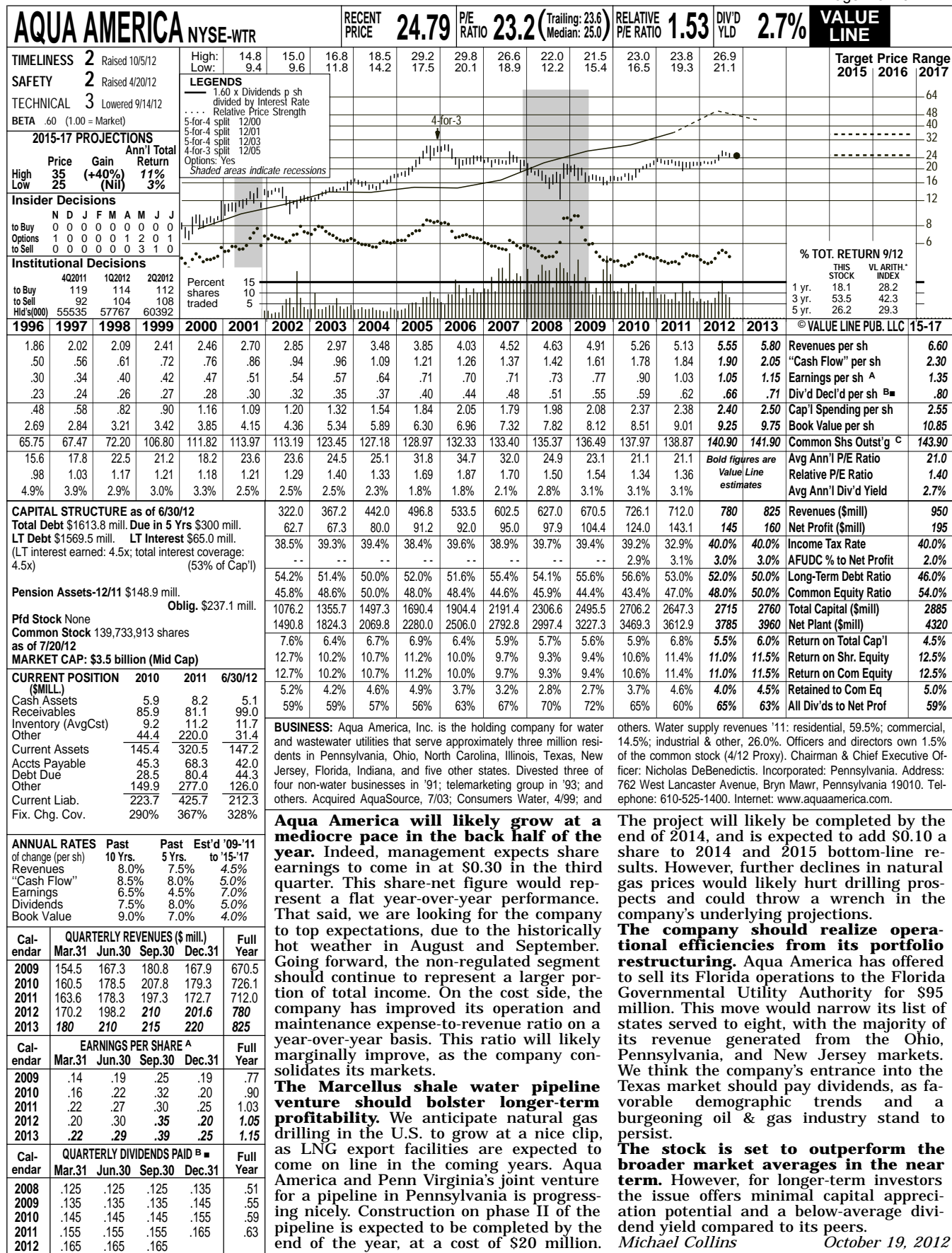
To subscribe call 1-800-833-0046.

BUSINESS: American Water Works Company, Inc. is the largest investor-owned water and wastewater utility in the U.S., providing services to over 15 million people in over 30 states and Canada. Its nonregulated business assists municipalities and military bases with the maintenance and upkeep as well. Regulated operations made up 88.9% of 2011 revenues. New Jersey is its biggest market

accounting for 20.9% of revenues. Has roughly 7,000 employees. Depreciation rate, 2.5% in '11. BlackRock, Inc., owns 7.4% of the common stock outstanding. Off. & dir. own less than 1% (3/12 Proxy). President & CEO; Jeffrey Sterba. Chairman; George Mackenzie. Address: 1025 Laurel Oak Road, Voorhees, NJ 08043. Telephone: 856-346-8200. Internet: www.amwater.com.

American Water Works posted record earnings in the second quarter. The nation's largest publicly traded water utility recorded profits of \$0.66 a share, 57% better than the year before. Revenue growth of 12% trounced expectations, thanks to favorable weather and strong pumpage, while costs remained relatively steady. The earlier portfolio optimization helped, removing less profitable businesses from the mix, but maybe more impressive was that management was able to keep maintenance costs under control. **We have raised our full-year share-net estimate by \$0.20, but only tweaked our second-half call slightly upward.** Our overall decision was largely a result of the aforementioned success. Although we believe that the top line will continue to benefit from favorable regulatory rulings, it is hard to imagine the cost base not rising going forward. Indeed, the company is slated to make a number of infrastructure upgrades as a result of aging systems. Thus, we look for costs to begin to mount, thereby cutting into margins, despite efforts to keep expenses in check. **This stock ought to interest mo-**

mentum accounts. AWK is ranked 2 (Above Average) for Timeliness based on the recent earnings strength. Growth is likely to remain solid over the next six to 12 months, too, benefiting from a supportive regulatory body and more-streamlined operations. The company will probably not have to seek much outside financing in the near term, either, as the proceeds from divestitures ease capital burdens a bit. **That said, we are a bit more skeptical about growth prospects further out.** Specifically, we worry about the American's financial situation and the capital-intensive nature of this business. The company is slated to spend over \$900 million on its infrastructure this year, and we do not envision that figure trending much lower in the years ahead. This endeavor will easily eat up any cash reserves and cash flow being generated by operations. Management will have to float more debt and stock in order to meet these obligations, but such actions will temper investor gains. The dividend is better than that of the average issue covered in our *Survey*, but not of the average utility provider. *Andre J. Costanza* *October 19, 2012*



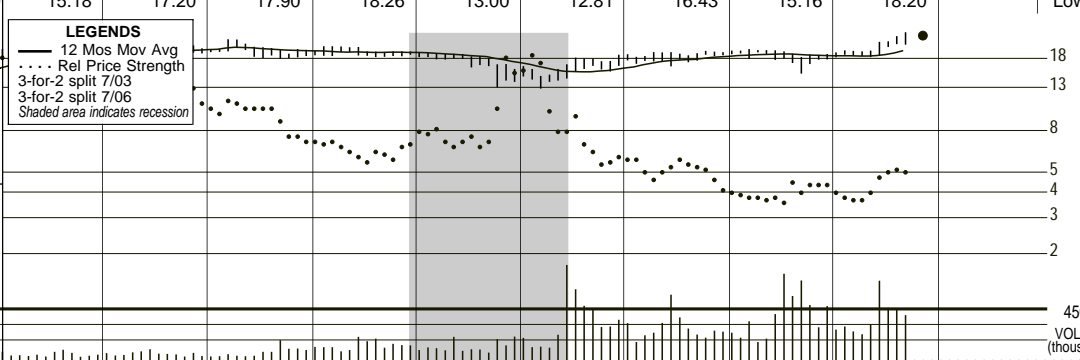
(A) Diluted egs. Excl. nonrec. gains (losses): '99, (11c); '00, 2c; '01, 2c; '02, 5c; '03, 4c. Excl. gain from disc. operations: '96, 2c. Next earnings report due late October.

(B) Dividends historically paid in early March, June, Sept. & Dec. Div'd reinvestment plan available. (5% discount).
(C) In millions, adjusted for stock splits.

Company's Financial Strength B++
Stock's Price Stability 100
Price Growth Persistence 65
Earnings Predictability 100

© 2012, Value Line Publishing LLC. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or marketing any printed or electronic publication, service or product.

To subscribe call 1-800-833-0046.

ARTESIAN RES. CORP. NDQ--ARTNA				RECENT PRICE	23.28	TRAILING P/E RATIO	21.8	RELATIVE P/E RATIO	1.33	DIV'D YLD	3.4%	VALUE LINE
RANKS		20.04 15.18	22.62 17.20	22.33 17.90	20.67 18.26	19.31 13.00	18.73 12.81	19.59 16.43	19.99 15.16	24.43 18.20		High Low
PERFORMANCE	3	Average	<div>LEGENDS</div> <div><div>12 Mos Mov Avg</div><div>Rel Price Strength</div><div>3-for-2 split 7/03</div><div>3-for-2 split 7/06</div><div>Shaded area indicates recession</div></div> 									
Technical	3	Average										
SAFETY	2	Above Average										
BETA	.55	(1.00 = Market)										
Financial Strength	B+											
Price Stability	100											
Price Growth Persistence	60											
Earnings Predictability	90											
© VALUE LINE PUBLISHING LLC		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013/2014	
SALES PER SH		6.67	7.52	7.77	7.20	7.59	8.11	8.48	7.56	--		
"CASH FLOW" PER SH		1.42	1.56	1.75	1.57	1.65	1.84	1.92	1.64	--		
EARNINGS PER SH		.72	.81	.97	.90	.86	.97	1.00	.83	1.16 ^{A,B}	1.19 ^C /NA	
DIV'DS DECL'D PER SH		.55	.58	.61	.66	.71	.72	.75	.76	--		
CAP'L SPENDING PER SH		4.82	3.35	5.08	3.66	6.09	2.32	2.57	1.83	--		
BOOK VALUE PER SH		9.26	9.60	10.15	11.66	11.86	12.15	12.44	13.12	--		
COMMON SHS OUTST'G (MILL)		5.93	6.02	6.09	7.30	7.40	7.51	7.65	8.61	--		
AVG ANN'L P/E RATIO		25.4	24.2	20.3	21.5	20.1	16.4	18.2	22.5	20.1	19.6/NA	
RELATIVE P/E RATIO		1.34	1.28	1.10	1.14	1.21	1.09	1.16	1.41	--		
AVG ANN'L DIV'D YIELD		3.0%	2.9%	3.1%	3.4%	4.1%	4.5%	4.1%	4.1%	--		
SALES (\$MILL)		39.6	45.3	47.3	52.5	56.2	60.9	64.9	65.1	--	Bold figures are consensus earnings estimates and, using the recent prices, P/E ratios.	
OPERATING MARGIN		--	100.0%	45.6%	45.6%	45.1%	46.9%	46.5%	45.5%	--		
DEPRECIATION (\$MILL)		4.0	4.4	4.6	5.2	5.8	6.6	7.0	7.4	--		
NET PROFIT (\$MILL)		4.4	5.0	6.1	6.3	6.4	7.3	7.6	6.7	--		
INCOME TAX RATE		39.6%	39.9%	39.0%	39.8%	40.8%	40.1%	40.0%	40.8%	--		
NET PROFIT MARGIN		11.1%	11.1%	12.8%	11.9%	11.4%	11.9%	11.7%	10.4%	--		
WORKING CAP'L (\$MILL)		d8.7	d1.8	d8.8	2.5	d20.9	d23.3	d27.9	d11.4	--		
LONG-TERM DEBT (\$MILL)		82.4	92.4	92.1	91.8	107.6	106.0	105.1	106.5	--		
SHR. EQUITY (\$MILL)		54.9	57.8	61.8	85.1	87.8	91.2	95.1	113.0	--		
RETURN ON TOTAL CAP'L		5.1%	5.3%	5.8%	5.3%	4.7%	5.2%	5.6%	4.6%	--		
RETURN ON SHR. EQUITY		8.0%	8.7%	9.8%	7.4%	7.3%	8.0%	8.0%	6.0%	--		
RETAINED TO COM EQ		2.1%	2.7%	3.8%	2.1%	1.4%	2.1%	2.0%	.5%	--		
ALL DIV'DS TO NET PROF		74%	69%	61%	71%	81%	74%	75%	92%	--		
^A No. of analysts changing earn. est. in last 5 days: 0 up, 0 down, consensus 5-year earnings growth not available. ^B Based upon 4 analysts' estimates. ^C Based upon 4 analysts' estimates.												
ANNUAL RATES						ASSETS (\$mill.)			INDUSTRY: Water Utility			
of change (per share)						2010	2011	6/30/12	BUSINESS: Artesian Resources Corporation, through its subsidiaries, provides water, wastewater, and engineering services on the Delmarva Peninsula. It distributes and sells water to residential, commercial, industrial, municipal, and utility customers in Delaware, Maryland, and Pennsylvania. The company also offers water for public and private fire protection to customers in its service territories. In addition, it provides contract water and wastewater services, water and sewer service line protection plans, and wastewater management services, as well as design, construction, and engineering services. As of December 31, 2011, the company served approximately 78,600 metered water customers through 1,148 miles of transmission and distribution mains. Artesian Water Company, the principal subsidiary, is the oldest and largest investor-owned public water utility on the Delmarva Peninsula, and has been providing water service since 1905. Has 226 employees. Chairman, C.E.O. & President: Dian C. Taylor. Address: 664 Churchmans Rd., Newark, DE 19702. Tel.: (302) 453-6900. Internet: http://www.artesianwater.com . J.V. October 19, 2012			
5 Yrs.						.2	.3	.4				
Sales						5.1	8.6	7.6				
"Cash Flow"						1.2	1.5	1.4				
Earnings						7.5	2.9	1.5				
Dividends						14.0	13.3	10.9				
Book Value												
Fiscal Year	1Q	2Q	3Q	4Q	Full Year	Property, Plant & Equip, at cost	414.6	435.0	--	LIABILITIES (\$mill.) Accts Payable 3.4 2.8 2.9 Debt Due 30.6 13.8 11.8 Other 7.9 8.1 8.3 Current Liab 41.9 24.7 23.0		
12/31/10	15.0	16.0	18.0	15.9	64.9	Accum Depreciation	69.2	77.4	--			
12/31/11	14.8	16.5	17.7	16.1	65.1	Net Property	345.4	357.6	363.2			
12/31/12	16.7	17.9				Other	12.1	7.8	8.0			
12/31/13						Total Assets	371.5	378.7	382.1			
Fiscal Year	1Q	2Q	3Q	4Q	Full Year	LONG-TERM DEBT AND EQUITY as of 6/30/12			TOTAL SHAREHOLDER RETURN Dividends plus appreciation as of 9/30/2012 3 Mos. 6 Mos. 1 Yr. 3 Yrs. 5 Yrs. 8.81% 26.06% 38.08% 56.14% 50.41%			
12/31/09	.22	.27	.28	.20	.97	Total Debt \$117.9 mill.	Due in 5 Yrs. NA					
12/31/10	.22	.24	.38	.16	1.00	LT Debt \$106.0 mill.						
12/31/11	.14	.23	.26	.20	.83	Including Cap. Leases NA	(48% of Cap'l)					
12/31/12	.29	.32	.35	.21		Leases, Uncapitalized Annual rentals NA						
12/31/13	.26					Pension Liability \$.5 mill. in '11 vs. \$.5 mill. in '10						
Cal-endar	1Q	2Q	3Q	4Q	Full Year	Pfd Stock None Pfd Div'd Paid None						
2009	.178	.178	.178	.187	.72	Common Stock 8,659,509 shares						
2010	.187	.188	.188	.189	.75	(52% of Cap'l)						
2011	.19	.19	.19	.193	.76							
2012	.193	.198	.198	.203								
INSTITUTIONAL DECISIONS												
4Q'11 1Q'12 2Q'12												
to Buy 39 24 38												
to Sell 16 20 21												
Hld's(000) 2691 2733 2943												

[illegible]

(A) Basic EPS. Excl. nonrecurring gain (loss): '00, (4¢); '01, 2¢; '02, 4¢; '11, 4¢. Next earnings report due early Nov.

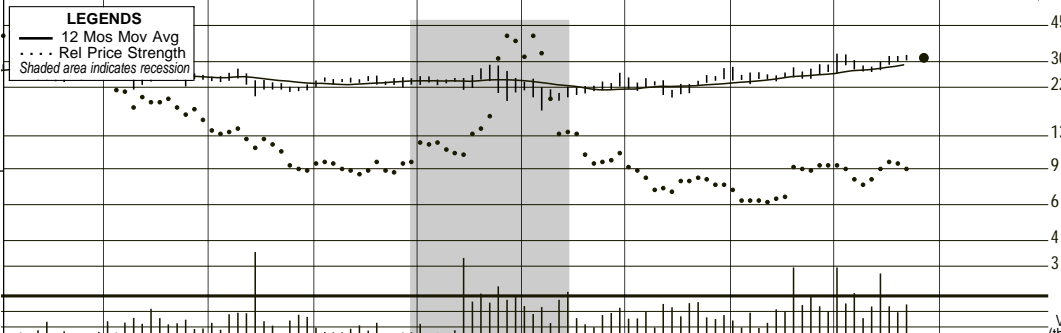
(B) Dividends historically paid in late Feb., May, Aug., and Nov. ■ Div'd reinvestment plan available.

(C) Incl. deferred charges. In '11: \$2.2 mill.
\$0.05/sh.
(D) In millions, adjusted for splits.
(E) Excludes non-req. rev.

Company's Financial Strength	B+
Stock's Price Stability	95
Price Growth Persistence	55
Earnings Predictability	90

© 2012, Value Line Publishing LLC. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or marketing any printed or electronic publication, service or product.

To subscribe call 1-800-833-0046.

CONN. WATER SERVICES				NDQ--CTWS	RECENT PRICE	31.34	TRAILING P/E RATIO	26.3	RELATIVE P/E RATIO	1.61	DIV'D YLD	3.1%	VALUE LINE	
RANKS				29.76 23.83	28.17 21.91	27.71 20.29	25.61 22.40	28.95 19.26	26.44 17.31	27.90 20.00	29.10 23.27	32.84 26.15		High Low
PERFORMANCE	2	Above Average	<div>LEGENDS</div> <div>— 12 Mos Mov Avg</div> <div>... Rel Price Strength</div> <div>Shaded area indicates recession</div> 											45
Technical	3	Average												30
SAFETY	3	Average												22.5
BETA	.75	(1.00 = Market)												13
Financial Strength	B+													9
Price Stability	90													6
Price Growth Persistence	30													4
Earnings Predictability	85													3
© VALUE LINE PUBLISHING LLC				2004	2005	2006	2007	2008	2009	2010	2011	2012	2013/2014	
SALES PER SH				6.04	5.81	5.68	7.05	7.24	6.93	7.65	7.93	--		
"CASH FLOW" PER SH				1.91	1.62	1.52	1.90	1.95	1.93	2.04	2.11	--		
EARNINGS PER SH				1.16	.88	.81	1.05	1.11	1.19	1.13	1.13	1.41 ^{A,B}	1.41 ^C /NA	
DIV'DS DECL'D PER SH				.84	.85	.86	.87	.88	.90	.92	.94	--		
CAP'L SPENDING PER SH				1.58	1.96	1.96	2.24	2.44	3.28	3.06	2.61	--		
BOOK VALUE PER SH				10.94	11.52	11.60	11.95	12.23	12.67	13.05	13.50	--		
COMMON SHS OUTST'G (MILL)				8.04	8.17	8.27	8.38	8.46	8.57	8.68	8.76	--		
AVG ANN'L P/E RATIO				22.9	28.6	29.0	23.0	22.2	18.4	20.7	23.0	22.2	22.2/NA	
RELATIVE P/E RATIO				1.21	1.51	1.57	1.22	1.34	1.22	1.32	1.44	--		
AVG ANN'L DIV'D YIELD				3.1%	3.4%	3.6%	3.6%	3.6%	4.1%	3.9%	3.6%	--		
SALES (\$MILL)				48.5	47.5	46.9	59.0	61.3	59.4	66.4	69.4	--		Bold figures are consensus earnings estimates and, using the recent prices, P/E ratios.
OPERATING MARGIN				51.0%	48.3%	43.7%	40.8%	49.0%	35.8%	40.7%	54.1%	--		
DEPRECIATION (\$MILL)				6.0	6.1	5.9	7.2	7.1	6.4	7.9	8.6	--		
NET PROFIT (\$MILL)				9.4	7.2	6.7	8.8	9.4	10.2	9.8	9.9	--		
INCOME TAX RATE				22.9%	--	23.5%	32.4%	27.2%	19.5%	35.2%	41.3%	--		
NET PROFIT MARGIN				19.4%	15.1%	14.3%	14.9%	15.4%	17.2%	14.8%	14.2%	--		
WORKING CAP'L (\$MILL)				d.7	13.0	1.2	8.1	d3.3	d13.1	d14.7	d11.5	--		
LONG-TERM DEBT (\$MILL)				66.4	77.4	77.3	92.3	92.2	112.0	111.7	135.3	--		
SHR. EQUITY (\$MILL)				88.7	94.9	96.7	100.9	104.2	109.3	114.0	119.0	--		
RETURN ON TOTAL CAP'L				7.0%	5.0%	4.9%	5.5%	5.9%	5.5%	5.4%	4.9%	--		
RETURN ON SHR. EQUITY				10.6%	7.5%	6.9%	8.7%	9.0%	9.3%	8.6%	8.3%	--		
RETAINED TO COM EQ				3.1%	.3%	NMF	1.6%	1.9%	2.3%	1.6%	1.4%	--		
ALL DIV'DS TO NET PROF				71%	95%	105%	82%	79%	76%	81%	83%	--		
^A No. of analysts changing earn. est. in last 5 days: 0 up, 0 down, consensus 5-year earnings growth not available. ^B Based upon 6 analysts' estimates. ^C Based upon 6 analysts' estimates.														
ANNUAL RATES						INDUSTRY: Water Utility								
of change (per share)						BUSINESS: Connecticut Water Service, Inc. operates as a water utility company in Connecticut. The Water Activities segment supplies public drinking water to residential, commercial, industrial, public authority, and fire protection customers. The Real Estate Transactions segment is involved in the sale of its limited excess real estate holdings. The Services and Rentals segment provides contracted services to water and wastewater utilities; and leases certain of its properties to third parties. This segment's services include contract operations of water and wastewater facilities; Linebacker, a service-line protection plan for public drinking water customers; and bulk deliveries of emergency drinking water to businesses and residences via tanker truck. As of March 13, 2012, the company provided drinking water to approximately 106,000 customers or 350,000 people in Connecticut and Maine. Has 198 employees. Chairman, C.E.O. & President: Eric W. Thornburg, Inc.: CT. Address: 93 West Main Street, Clinton, CT 06413. Tel.: (860) 669-8636. Internet: http://www.ctwater.com .								
5 Yrs.						ASSETS (\$mill.)								
1 Yr.						2010 2011 6/30/12								
Sales						Cash Assets 1.0 1.0 3.4								
"Cash Flow"						Receivables 10.1 14.9 18.8								
Earnings						Inventory (Avg cost) 1.7 1.1 1.5								
Dividends						Other 7.6 1.9 2.7								
Book Value						Current Assets 20.4 18.9 26.4								
Fiscal Year						Property, Plant & Equip, at cost 471.6 496.1 --								
1Q 2Q 3Q 4Q						Accum Depreciation 127.4 133.7 --								
Full Year						Net Property 344.2 362.4 424.8								
12/31/10						Other 60.6 83.5 102.3								
12/31/11						Total Assets 425.2 464.8 553.5								
12/31/12						LIABILITIES (\$mill.)								
12/31/13						Accts Payable 6.6 7.2 7.6								
1Q 2Q 3Q 4Q						Debt Due 26.3 21.4 25.5								
Full Year						Other 2.2 1.8 3.8								
12/31/09						Current Liab 35.1 30.4 36.9								
12/31/10						LONG-TERM DEBT AND EQUITY as of 6/30/12								
12/31/11						Total Debt \$213.4 mill. Due in 5 Yrs. NA								
12/31/12						LT Debt \$187.8 mill.								
12/31/13						Including Cap. Leases NA								
1Q 2Q 3Q 4Q						(61% of Cap'l)								
Full Year						Leases, Uncapitalized Annual rentals NA								
2009						Pension Liability \$23.6 mill. in '11 vs. \$16.7 mill. in '10								
2010						Pfd Stock \$.8 mill. Pfd Div'd Paid NMF								
2011						Common Stock 8,815,234 shares								
2012						(39% of Cap'l)								
4Q'11 1Q'12 2Q'12						TOTAL SHAREHOLDER RETURN								
to Buy 23 27 38						Dividends plus appreciation as of 9/30/2012								
to Sell 29 22 29						3 Mos. 6 Mos. 1 Yr. 3 Yrs. 5 Yrs.								
Hld's(000) 2881 3053 3095						10.93% 14.63% 31.78% 59.07% 64.93%								

MIDDLESEX WATER NDQ-MSEX										RECENT PRICE	19.24	P/E RATIO	20.5 (Trailing: 24.7; Median: 22.0)	RELATIVE P/E RATIO	1.35	DIV'D YLD	3.8%	VALUE LINE															
TIMELINESS	3	Raised 8/31/12	High: 18.7	20.0	21.2	21.8	23.5	20.5	20.2	19.8	17.9	19.3	19.4	19.6					Target Price	2015	2016	2017											
SAFETY	2	New 10/21/11	Low: 14.7	13.7	15.8	16.7	17.1	16.5	16.9	12.0	11.6	14.7	16.5	18.0																			
TECHNICAL	3	Raised 6/29/12	<div>LEGENDS</div> <div>1.20 x Dividends p sh divided by Interest Rate</div> <div>Relative Price Strength</div> <div>3-for-2 split 1/02</div> <div>4-for-3 split 11/03</div> <div>Options: No</div> <div>Shaded areas indicate recessions</div>																														
BETA	.70	(1.00 = Market)																															
2015-17 PROJECTIONS																																	
Price	Gain	Ann'l Total																															
High	25	(+30%)	10%																														
Low	18	(-5%)	3%																														
Insider Decisions																				<div>% TOT. RETURN 9/12</div> <div>THIS STOCK</div> <div>VL ARITH. INDEX</div> <div>1 yr. 16.8 28.2</div> <div>3 yr. 43.5 42.3</div> <div>5 yr. 24.6 29.3</div>													
to Buy	N	D	J	F	M	A	M	J	J																								
Options	0	0	0	0	0	0	0	0	0																								
to Sell	1	1	0	0	1	0	1	0	1																								
Institutional Decisions																																	
to Buy	4Q2011	1Q2012	2Q2012																														
to Sell	33	29	32																														
Hld's(000)	6476	6511	6653																														
Percent shares traded	12	8	4																														
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	© VALUE LINE PUB. LLC 15-17															
4.52	4.72	4.39	5.35	5.39	5.87	5.98	6.12	6.25	6.44	6.16	6.50	6.79	6.75	6.60	6.50	6.55	7.10	Revenues per sh			8.40												
.94	1.02	1.02	1.19	.99	1.18	1.20	1.15	1.28	1.33	1.33	1.49	1.53	1.40	1.55	1.52	1.50	1.75	"Cash Flow" per sh			2.20												
.60	.67	.71	.76	.51	.66	.73	.61	.73	.71	.82	.87	.89	.72	.96	.84	.85	1.00	Earnings per sh ^A			1.25												
.55	.57	.58	.60	.61	.62	.63	.65	.66	.67	.68	.69	.70	.71	.72	.73	.74	.75	Div'd Decl'd per sh ^B			.80												
.73	1.20	2.68	2.33	1.32	1.25	1.59	1.87	2.54	2.18	2.31	1.66	2.12	1.49	1.90	1.50	1.90	2.15	Cap'l Spending per sh			2.60												
5.85	6.00	6.80	6.95	6.98	7.11	7.39	7.60	8.02	8.26	9.52	10.05	10.03	10.33	11.13	11.27	11.80	12.55	Book Value per sh			13.60												
8.41	8.54	9.82	10.00	10.11	10.17	10.36	10.48	11.36	11.58	13.17	13.25	13.40	13.52	15.57	15.70	16.00	16.25	Common Shs Outst'g ^C			17.25												
14.4	13.4	15.2	17.6	28.7	24.6	23.5	30.0	26.4	27.4	22.7	21.6	19.8	21.0	17.8	21.9	17.8	21.9	Avg Ann'l P/E Ratio			17.0												
.90	.77	.79	1.00	1.87	1.26	1.28	1.71	1.39	1.46	1.23	1.15	1.19	1.40	1.13	1.32	1.32	1.32	Relative P/E Ratio			1.15												
6.4%	6.3%	5.4%	4.4%	4.2%	3.8%	3.7%	3.5%	3.4%	3.5%	3.7%	3.7%	4.0%	4.7%	4.2%	4.2%	4.2%	4.2%	Avg Ann'l Div'd Yield			3.8%												
CAPITAL STRUCTURE as of 6/30/12																																	
Total Debt \$140.1 mill. Due in 5 Yrs \$25.0 mill.										61.9	64.1	71.0	74.6	81.1	86.1	91.0	91.2	102.7	102.0	105	115	Revenues (\$mill)	145										
LT Debt \$135.1 mill. LT Interest \$6.0 mill.										7.8	6.6	8.4	8.5	10.0	11.8	12.2	10.0	14.3	13.5	14.0	16.0	Net Profit (\$mill)	21.5										
(LT interest coverage: 4.5x)										33.3%	32.8%	31.1%	27.6%	33.4%	32.6%	33.2%	34.1%	32.1%	32.5%	32.0%	32.0%	Income Tax Rate	32.0%										
(43% of Cap'l)										--	--	--	--	--	--	--	--	6.8%	7.5%	7.5%	7.5%	AFUDC % to Net Profit	7.0%										
Pension Assets-12/11 \$32.2 mill.										52.1%	53.8%	53.8%	49.5%	49.0%	45.6%	46.6%	43.1%	43.0%	42.0%	41.0%	41.0%	41.0%	Long-Term Debt Ratio	39.0%									
Oblig. \$56.2 mill.										45.5%	44.0%	42.5%	41.3%	47.5%	49.6%	51.8%	52.1%	55.8%	57.0%	58.0%	59.0%	Common Equity Ratio	61.0%										
Pfd Stock \$3.4 mill. Pfd Div'd: \$.2 mill.										168.0	181.1	214.5	231.7	264.0	268.8	259.4	267.9	310.5	309.1	325	345	Total Capital (\$mill)	385										
Common Stock 15,733,286 shs.										211.4	230.9	262.9	288.0	317.1	333.9	366.3	376.5	405.9	422.2	440	455	Net Plant (\$mill)	500										
as of 7/31/12										6.0%	5.0%	5.1%	5.0%	5.1%	5.6%	5.8%	5.0%	5.7%	5.3%	4.5%	4.5%	Return on Total Cap'l	5.5%										
MARKET CAP: \$300 million (Small Cap)										9.6%	7.9%	8.5%	8.2%	7.5%	8.6%	8.6%	7.0%	8.1%	7.5%	7.5%	8.0%	Return on Shr. Equity	9.0%										
CURRENT POSITION										9.8%	8.0%	9.0%	8.6%	7.8%	8.7%	8.9%	7.0%	8.2%	7.6%	7.5%	8.0%	Return on Com Equity	9.0%										
2010										1.3%	NMF	.9%	.6%	1.3%	1.8%	2.0%	.1%	2.1%	1.1%	1.0%	2.0%	Retained to Com Eq	3.0%										
2011										87%	106%	90%	94%	84%	79%	78%	98%	75%	85%	85%	76%	All Div'ds to Net Prof	64%										
6/30/12																																	
(\$MILL.)										Cash Assets	2.5	3.1	2.7																				
Other										20.3	19.8	20.7																					
Current Assets										22.8	22.9	23.4																					
Accts Payable										6.4	5.7	4.8																					
Debt Due										4.4	4.6	5.0																					
Other										29.9	36.4	38.7																					
Current Liab.										40.7	46.7	48.5																					
Fix. Chg. Cov.										400%	380%	300%																					
ANNUAL RATES										Past 10 Yrs.	Past 5 Yrs.	Est'd '09-'11 to '15-'17																					
of change (per sh)										3.0%	1.5%	4.0%																					
Revenues										3.5%	3.5%	7.0%																					
"Cash Flow"										2.5%	4.5%	7.0%																					
Earnings										2.0%	1.5%	1.5%																					
Dividends										4.5%	5.5%	3.5%																					
Book Value																																	
Cal-endar	QUARTERLY REVENUES (\$ mill.)																Full Year																
	Mar.31	Jun. 30	Sep. 30	Dec. 31																													
2009	20.6	23.1	25.5	22.0																91.2													
2010	21.6	26.5	29.6	25.0																102.7													
2011	24.0	26.1	28.7	23.3																102.1													
2012	23.5	27.4	30.0	24.1																105													
2013	28.0	28.0	32.0	27.0																115													
Cal-endar	EARNINGS PER SHARE ^A																Full Year																
	Mar.31	Jun. 30	Sep. 30	Dec. 31																													
2009	.10	.21	.29	.12																.72													
2010	.11	.31	.37	.17																.96													
2011	.17	.23	.32	.12																.84													
2012	.11	.23	.33	.18																.85													
2013	.20	.25	.35	.20																1.00													
Cal-endar	QUARTERLY DIVIDENDS PAID ^B																Full Year																
	Mar.31	Jun.30	Sep.30	Dec.31																													
2008	.175	.175	.175	.178																.70													
2009	.178	.178	.178	.180																.71													
2010	.180	.180	.180	.183																.72													
2011	.183	.183	.183	.185																.73													
2012	.185	.185	.185																														

BUSINESS: Middlesex Water Company engages in the ownership and operation of regulated water utility systems in New Jersey, Delaware, and Pennsylvania. It also operates water and wastewater systems under contract on behalf of municipal and private clients in NJ and DE. Its Middlesex System provides water services to 60,000 retail customers, primarily in Middlesex County, New Jersey. in

Middlesex Water underperformed in the first half of the year. In fact, share earnings fell 15% compared to the same time frame last year. The bottom-line decline was attributable to higher costs related to employee benefits and continued softness in its New Jersey market. A number of its largest commercial and industrial customers decreased consumption due to reduced output from their production processes. This market could remain challenged in the near term, as New Jersey has an above-average unemployment rate and an anemic housing market that could hinder growth opportunities for the state in the coming years.

Rate increases should help stem rising costs. Over the summer, the company's Tidewater business in Delaware was approved for a \$3.9 million increase in its base water rates. Additionally, the New Jersey Board of Public Utilities approved an \$8.1 million increase for its New Jersey customers in its Middlesex System. (The company had requested a rate increase of \$11.3 million per year.) Tidewater Environmental Services (TESI) also received a partial rate increase for its wastewater

2011, the Middlesex System accounted for 64% of total revenues. At 12/31/11, the company had 289 employees. Incorporated: NJ. President, CEO, and Chairman: Dennis W. Doll. Officers/directors own 3.39% of the common stock; BlackRock, 6.2%; The Vanguard Group, 5.4% (4/12 proxy). Address: 1500 Ronson Road, Iselin, NJ 08830. Tel.: 732-634-1500. Internet: www.middlesexwater.com.

services business.

Capital investment will likely help longer-term growth. The company has invested half of the \$22 million it has projected on storage tanks, water mains, and service lines. Additionally, capex outlays are expected to exceed \$34 million over the next two years. The vast majority of these investments are targeted toward its Distribution systems. We believe the focus on water distribution infrastructure is crucial to help offset the weakening demand on the company's commercial and industrial customers. The residential market in New Jersey will probably continue to struggle, as an elevated unemployment rate and a slumping housing market hurt consumer demand.

The issue has a Timeliness rank of 3 (Average) and holds an above-average Safety rank. The income-minded investor may find these shares appealing, as the dividend yield is above the Value Line median. However, the stock's below-average 3- to 5-year capital appreciation potential is less than ideal for the longer-term investor at this time.

Michael Collins

October 19, 2012

SJW CORP. NYSE-SJW				RECENT PRICE	24.55	P/E RATIO	23.4	(Trailing: 21.7 Median: 23.0)	RELATIVE P/E RATIO	1.54	DIV'D YLD	2.9%	VALUE LINE												
TIMELINESS	3	Raised 8/12/11		High: 17.8	15.1	15.0	19.6	27.8	45.3	43.0	35.1	30.4	28.2	26.8	25.8		Target Price Range	2015	2016	2017					
SAFETY	3	New 4/22/11		Low: 11.6	12.7	12.6	14.6	16.1	21.2	27.7	20.0	18.2	21.6	20.9	22.7										
TECHNICAL	3	Lowered 9/21/12																							
BETA	.85	(1.00 = Market)																							
2015-17 PROJECTIONS																									
	Price	Gain	Ann'l Total Return																						
High	40	(+65%)	15%																						
Low	30	(+20%)	7%																						
Insider Decisions																									
	N	D	J	F	M	A	M	J	J																
to Buy	1	1	0	0	0	0	0	0	1																
Options	0	0	0	0	0	0	0	0	0																
to Sell	0	0	0	0	0	0	0	0	0																
Institutional Decisions																									
	4Q2011	1Q2012	2Q2012																						
to Buy	24	34	34																						
to Sell	32	22	31																						
Hld's(000)	8847	9012	8955																						
				Percent shares traded	15	10	5																		
																				% TOT. RETURN 9/12					
																				THIS STOCK	20.0	28.2			
																				3 yr.	21.1	42.3			
																				5 yr.	-14.8	29.3			
1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	© VALUE LINE PUB. LLC	15-17						
5.39	5.79	5.58	6.40	6.74	7.45	7.97	8.20	9.14	9.86	10.35	11.25	12.12	11.68	11.62	12.86	12.50	12.60	Revenues per sh	13.70						
1.43	1.27	1.26	1.43	1.23	1.49	1.55	1.75	1.89	2.21	2.38	2.30	2.44	2.21	2.38	2.80	2.85	2.90	Cash Flow ^a per sh	3.05						
.96	.80	.76	.87	.58	.77	.78	.91	.87	1.12	1.19	1.04	1.08	.81	.84	1.11	1.05	1.15	Earnings per sh ^A	1.35						
.37	.38	.39	.40	.41	.43	.46	.49	.51	.53	.57	.61	.65	.66	.68	.69	.71	.73	Div'd Decl'd per sh ^B	.80						
1.06	1.27	1.81	1.77	1.89	2.63	2.06	3.41	2.31	2.83	3.87	6.62	3.79	3.17	5.65	3.75	4.10	4.75	Cap'l Spending per sh	3.70						
6.31	7.02	7.53	7.88	7.90	8.17	8.40	9.11	10.11	10.72	12.48	12.90	13.99	13.66	13.75	14.20	15.30	15.70	Book Value per sh	17.15						
19.02	19.02	19.01	18.27	18.27	18.27	18.27	18.27	18.27	18.27	18.28	18.36	18.18	18.50	18.55	18.59	20.00	21.00	Common Shs Outst'g ^C	23.00						
6.8	11.2	13.1	15.5	33.1	18.5	17.3	15.4	19.6	19.7	23.5	33.4	26.2	28.7	29.1	21.2	21.0	24.0	Avg Ann'l P/E Ratio	25.5						
.43	.65	.68	.88	2.15	.95	.94	.88	1.04	1.05	1.27	1.77	1.58	1.91	1.85	1.34	1.40	1.70	Relative P/E Ratio	1.70						
5.7%	4.3%	3.9%	3.0%	2.1%	3.0%	3.4%	3.5%	3.0%	2.4%	2.0%	1.7%	2.3%	2.8%	2.8%	2.9%	2.9%	2.9%	Avg Ann'l Div'd Yield	2.3%						
CAPITAL STRUCTURE as of 6/30/12				145.7	149.7	166.9	180.1	189.2	206.6	220.3	216.1	215.6	239.0	255	275	275	275	Revenues (\$mill)	315						
Total Debt \$344.2 mill. Due in 5 Yrs \$8.3 mill.				14.2	16.7	16.0	20.7	22.2	19.3	20.2	15.2	15.8	20.9	21.0	24.0	24.0	24.0	Net Profit (\$mill)	31.0						
LT Debt \$335.9 mill. LT Interest \$18.6 mill.				40.4%	36.2%	42.1%	41.6%	40.8%	39.4%	39.5%	40.4%	38.8%	41.1%	41.0%	41.0%	41.0%	41.0%	Income Tax Rate	40.0%						
(Total interest coverage: 2.9x) (56% of Cap'l)				4.2%	1.6%	2.1%	1.6%	2.1%	2.7%	2.3%	2.0%	2.0%	3.0%	5.0%	5.0%	5.0%	5.0%	AFUDC % to Net Profit	5.0%						
Leases, Uncapitalized: Annual rentals \$4.5 mill.				41.7%	45.6%	43.7%	42.6%	41.8%	41.7%	46.0%	49.4%	53.7%	56.6%	53.0%	53.0%	53.0%	53.0%	Long-Term Debt Ratio	52.0%						
Pension Assets-12/11 \$62.8 mill. Oblig. \$123.9 mill.				58.3%	54.4%	56.3%	57.4%	58.2%	52.3%	54.0%	50.6%	46.3%	43.4%	47.0%	47.0%	47.0%	47.0%	Common Equity Ratio	48.0%						
Pfd Stock None.				263.5	306.0	328.3	341.2	391.8	453.2	470.9	499.6	550.7	607.8	650	705	705	705	Total Capital (\$mill)	825						
Common Stock 18,636,796 shs. as of 7/20/12				390.8	428.5	456.8	484.8	541.7	645.5	684.2	718.5	785.5	756.2	810	875	875	875	Net Plant (\$mill)	1050						
MARKET CAP: \$450 million (Small Cap)				6.9%	6.9%	6.5%	7.6%	7.0%	5.7%	5.8%	4.4%	4.3%	5.0%	5.0%	5.0%	5.0%	5.0%	Return on Total Cap'l	5.0%						
CURRENT POSITION				9.3%	10.0%	8.7%	10.6%	9.7%	8.2%	8.0%	6.0%	6.2%	7.9%	7.0%	7.5%	7.5%	7.5%	Return on Shr. Equity	7.0%						
(\$MILL.)				9.3%	10.0%	8.7%	10.6%	9.7%	8.2%	8.0%	6.0%	6.2%	7.9%	7.0%	7.5%	7.5%	7.5%	Return on Com Equity	7.0%						
Cash Assets				3.8%	4.7%	3.6%	5.6%	5.2%	3.5%	3.3%	1.2%	1.2%	3.1%	2.0%	2.5%	2.5%	2.5%	Retained to Com Eq	3.0%						
Other				59%	53%	58%	47%	46%	57%	59%	80%	80%	61%	68%	64%	64%	64%	All Div'ds to Net Prof	59%						
Current Assets				1.7	26.7	9.3																			
Accts Payable				36.3	42.2	49.0																			
Debt Due				38.0	68.9	58.3																			
Other				5.5	7.4	14.3																			
Current Liab.				5.1	.8	8.3																			
Fix. Chg. Cov.				18.6	20.1	23.3																			
ANNUAL RATES of change (per sh)				29.2	28.3	45.9																			
Past 10 Yrs.				262%	276%	250%																			
Past 5 Yrs.																									
Est'd '09-'11 to '15-'17																									
Revenues				6.0%	4.5%	2.0%																			
"Cash Flow"				6.0%	2.5%	3.5%																			
Earnings				2.0%	-3.0%	6.5%																			
Dividends				5.0%	5.0%	3.0%																			
Book Value				5.5%	4.5%	3.5%																			
Cal-endar	QUARTERLY REVENUES (\$ mill.)				Full Year																				
	Mar.31	Jun. 30	Sep. 30	Dec. 31																					
2009	40.0	58.2	69.3	48.6	216.1																				
2010	40.4	54.1	70.3	50.8	215.6																				
2011	43.7	59.0	73.9	62.4	239.0																				
2012	51.2	65.6	75.0	63.2	255																				
2013	55.0	70.0	82.0	68.0	275																				
Cal-endar	EARNINGS PER SHARE ^A				Full Year																				
	Mar.31	Jun. 30	Sep. 30	Dec. 31																					
2009	.01	.23	.43	.14	.81																				
2010	.05	.24	.44	.11	.84																				
2011	.03	.29	.44	.35	1.11																				
2012	.06	.28	.45	.26	1.05																				
2013	.06	.33	.48	.28	1.15																				
Cal-endar	QUARTERLY DIVIDENDS PAID ^B				Full Year																				
	Mar.31	Jun. 30	Sep. 30	Dec.31																					
2008	.16	.16	.16	.16	.64																				
2009	.165	.165	.165	.165	.66																				
2010	.17	.17	.17	.17	.68																				
2011	.173	.173	.173	.173	.69																				
2012	.1775	.1775	.1775																						

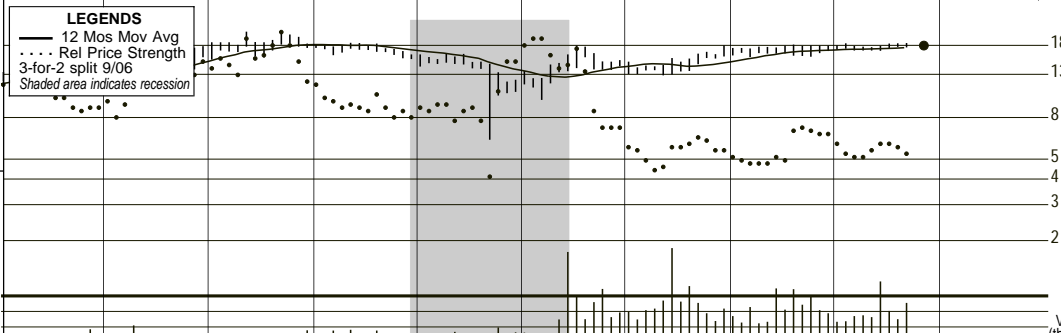
LEGENDS
1.50 x Dividends p sh divided by Interest Rate
..... Relative Price Strength
3-for-1 split 3/04
2-for-1 split 3/06
Options: No
Shaded areas indicate recessions

BUSINESS: SJW Corporation engages in the production, purchase, storage, purification, distribution, and retail sale of water. It provides water service to approximately 226,000 connections that serve a population of approximately one million people in the San Jose area and 8,700 connections that serve approximately 36,000 residents in a service area in the region between San Antonio and Austin, Texas. The company offers nonregulated water-related services, including water system operations, cash remittances, and maintenance contract services. SJW also owns and operates commercial real estate investments. Has 375 employees. Chairman: Charles J. Toeniskoetter, Inc.: CA. Address: 110 W. Taylor Street, San Jose, CA 95110. Tel.: (408) 279-7800. Int:www.sjwater.com.

Rising costs of doing business weighed on SJW's earnings in the second quarter. Cumulative rate increases helped the water utility post an 11% sales increase, but 23% higher water production costs, due to a reduced supply and higher purchase and extraction prices, caused earnings to dip 4%. Higher administrative and interest expenses also took a toll. **We suspect that the earnings environment will remain difficult in the months ahead.** There is no evidence that operating costs will subside anytime soon. In fact, maintenance expenses are likely to remain on an upswing, as water systems continue to age and systems require further repairs. Meanwhile, the company is expected to receive little, if any, help on the regulatory front in the upcoming months, as there are no rate case decisions likely to be handed down until yearend. That said, a favorable ruling on the 2013-2015 general rate case ought to provide moderate earnings upside next year. **Our longer-term expectations remain muted because of the likelihood of growing capital requirements.** Infrastructure improvements are expected to

cost hundreds of millions of dollars over the next few years. However, SJW's cash reserves are running on empty, and cash flow from operations is slated to fall well short of the amount needed to implement the necessary changes. The company will have to issue more stock and/or debt to make the changes, but such financial actions will dilute gains for the foreseeable future. As a result, we look for annual earnings gains to remain in the mid single digit range over the next 3- to 5-years. **We are not proponents of this stock at this time.** It lacks growth appeal due to the capital-intensive nature of the industry and the company's aforementioned financial limitations regardless of whether or not regulatory backing improves in 2013. The dividend is solid and adds a nice touch, but those seeking an income producer have far better options to choose from elsewhere. Plus, we still contend that there remains the possibility that the company would have to revise the payout if operating conditions worsen and regulatory authorities decide to take on a more consumer-friendly stance.

Andre J. Costanza
October 19, 2012

YORK WATER CO				NDQ--YORW		RECENT PRICE		17.95		TRAILING P/E RATIO		26.8		RELATIVE P/E RATIO		1.64		DIV'D YLD		3.0%		VALUE LINE															
RANKS				14.03 11.00		17.87 11.67		20.99 15.33		18.55 15.45		16.50 6.23		17.95 9.74		18.00 12.83		18.14 15.81		18.49 16.94		High Low															
PERFORMANCE				2		Above Average		<div>LEGENDS</div> <div>— 12 Mos Mov Avg</div> <div>.... Rel Price Strength</div> <div>3-for-2 split 9/06</div> <div>Shaded area indicates recession</div> 																													
Technical				3		Average																															
SAFETY				2		Above Average																															
BETA .65				(1.00 = Market)																																	
Financial Strength				B++																																	
Price Stability				95																																	
Price Growth Persistence				65																																	
Earnings Predictability				100																																	
© VALUE LINE PUBLISHING LLC				2004		2005		2006		2007		2008		2009		2010		2011		2012		2013/2014															
REVENUES PER SH				2.18		2.58		2.56		2.79		2.89		2.95		3.07		3.18		--																	
"CASH FLOW" PER SH				.65		.79		.77		.86		.88		.95		1.07		1.09		--																	
EARNINGS PER SH				.49		.56		.58		.57		.57		.64		.71		.71		.71 A,B		.79 C/NA															
DIV'D DECL'D PER SH				.39		.42		.45		.48		.49		.51		.52		.53		--																	
CAP'L SPENDING PER SH				2.50		1.69		1.85		1.69		2.17		1.18		.83		.74		--																	
BOOK VALUE PER SH				4.65		4.85		5.84		5.97		6.14		6.92		7.19		7.45		--																	
COMMON SHS OUTST'G (MILL)				10.33		10.40		11.20		11.27		11.37		12.56		12.69		12.79		--																	
AVG ANN'L P/E RATIO				25.7		26.3		31.2		30.3		24.6		21.9		20.7		23.9		25.3		22.7/NA															
RELATIVE P/E RATIO				1.36		1.39		1.68		1.61		1.48		1.46		1.32		1.50		--																	
AVG ANN'L DIV'D YIELD				3.1%		2.9%		2.5%		2.8%		3.5%		3.6%		3.5%		3.1%		--																	
REVENUES (\$MILL)				22.5		26.8		28.7		31.4		32.8		37.0		39.0		40.6		--		Bold figures are consensus earnings estimates and, using the recent prices, P/E ratios.															
NET PROFIT (\$MILL)				4.8		5.8		6.1		6.4		6.4		7.5		8.9		9.1		--																	
INCOME TAX RATE				36.7%		36.7%		34.4%		36.5%		36.1%		37.9%		38.5%		35.3%		--																	
AFUDC % TO NET PROFIT				--		--		7.2%		3.6%		10.1%		--		1.2%		1.1%		--																	
LONG-TERM DEBT RATIO				42.5%		44.1%		48.3%		46.5%		54.5%		45.7%		48.3%		47.1%		--																	
COMMON EQUITY RATIO				57.5%		55.9%		51.7%		53.5%		45.5%		54.3%		51.7%		52.9%		--																	
TOTAL CAPITAL (\$MILL)				83.6		90.3		126.5		125.7		153.4		160.1		176.4		180.2		--																	
NET PLANT (\$MILL)				140.0		155.3		174.4		191.6		211.4		222.0		228.4		233.0		--																	
RETURN ON TOTAL CAP'L				7.6%		8.4%		6.2%		6.7%		5.7%		6.2%		6.5%		6.4%		--																	
RETURN ON SHR. EQUITY				10.0%		11.6%		9.3%		9.5%		9.2%		8.6%		9.8%		9.5%		--																	
RETURN ON COM EQUITY				10.0%		11.6%		9.3%		9.5%		9.2%		8.6%		9.8%		9.5%		--																	
RETAINED TO COM EQ				2.1%		3.0%		2.2%		1.7%		1.4%		1.9%		2.7%		2.5%		--																	
ALL DIV'DS TO NET PROF				79%		74%		77%		82%		85%		78%		72%		73%		--																	
A No. of analysts changing earn. est. in last 5 days: 0 up, 0 down, consensus 5-year earnings growth not available. B Based upon 5 analysts' estimates. C Based upon 5 analysts' estimates.																																					
ANNUAL RATES							ASSETS (\$mill.)							INDUSTRY: Water Utility																							
of change (per share)							2010							2011							6/30/12																
5 Yrs.							1.3							4.0							2.9																
1 Yr.							6.3							6.0							6.0																
Revenues							6.3							6.0							6.0																
"Cash Flow"							.6							.7							.8																
Earnings							.6							.7							.7																
Dividends							8.8							11.4							10.4																
Book Value																																					
Fiscal Year							Property, Plant & Equip, at cost							270.8							279.2							--									
1Q							Accum Depreciation							42.4							46.2							--									
2Q							Net Property							228.4							233.0							236.4									
3Q							Other							22.7							29.8							29.8									
4Q							Total Assets							259.9							274.2							276.6									
Full Year							LIABILITIES (\$mill.)																														
12/31/10							Accts Payable							1.2							1.1							1.3									
12/31/11							Debt Due							.0							.0							.0									
12/31/12							Other							4.1							4.2							4.1									
12/31/13							Current Liab							5.3							5.3							5.4									
							LONG-TERM DEBT AND EQUITY as of 6/30/12																														
							Total Debt \$85.0 mill.							Due in 5 Yrs. NA																							
							LT Debt \$85.0 mill.																														
							Including Cap. Leases NA																														
														(47% of Cap'l)																							
							Leases, Uncapitalized Annual rentals NA																														
							Pension Liability \$14.7 mill. in '11 vs. \$9.8 mill. in '10																														
							Pfd Stock None							Pfd Div'd Paid None																							
							Common Stock 12,855,471 shares																														
														(53% of Cap'l)																							
INSTITUTIONAL DECISIONS																																					
4Q'11							1Q'12							2Q'12																							
to Buy							30							26							33																
to Sell							20							20							19																
Hld's(000)							3211							3220							3270																
TOTAL SHAREHOLDER RETURN																																					
Dividends plus appreciation as of 9/30/2012																																					
3 Mos.							6 Mos.							1 Yr.							3 Yrs.							5 Yrs.									
3.26%							7.59%							16.80%							45.59%							28.51%									

Tega Cay Water Services, Inc.
Current Institutional Holdings and Individual Holdings
the Proxy Group of Nine Water Companies

	<u>1</u>	<u>2</u>
	October 31, 2012 Percentage of Institutional Holdings	October 31, 2012 Percentage of Individual Holdings (1)
<u>Proxy Group of Nine Water Companies</u>		
American States Water Co.	64.32 %	35.68 %
American Water Works Co., Inc.	81.61	18.39
Aqua America, Inc.	43.76	56.24
Artesian Resources Corp.	37.59	62.41
California Water Service Group	52.39	47.61
Connecticut Water Service, Inc.	35.16	64.84
Middlesex Water Company	40.32	59.68
SJW Corporation	48.35	51.65
York Water Company	25.99	74.01
Average	<u>47.72 %</u>	<u>52.28 %</u>

Notes:

(1) (1 - column 1).

Source of Information: pro.edgar-online.com, October 31, 2012

Tega Cay Water Services, Inc.
Summary of Risk Premium Models for the
Proxy Group of Nine Water Companies

	<u>Proxy Group of Nine Water Companies</u>
Predictive Risk Premium Model TM (PRPM TM) (1)	11.28 %
Risk Premium Using an Adjusted Market Approach (2)	<u>9.77 %</u>
Average	<u><u>10.53 %</u></u>

Notes:

- (1) From page 2 of this Schedule.
- (2) From page 3 of this Schedule.

Tega Cay Water Services, Inc.
Derivation of Common Equity Cost Rate
Using the Predictive Risk Premium Model™ (PRPM™)
Proxy Group of Nine Water Companies

	American States Water Co. 1.484830543	American Water Works Co., Inc. 3.765018645	Aqua America, Inc. 2.149240512	Artesian Resources Corp. 2.238295447	California Water Service Group 1.70801085	Connecticut Water Service, Inc. 1.747090903	Middlesex Water Company 1.901480229	SJW Corporation 1.296520459	York Water Company 1.873951139
GARCH Coefficient (1)									
Average Variance (1)	0.38%	0.42%	0.48%	0.31%	0.32%	0.29%	0.27%	0.43%	0.48%
PRPM™ Derived Risk Premium (1)	7.04%	20.46%	13.21%	8.62%	6.68%	6.25%	6.39%	6.82%	11.45%
Risk-Free Rate (2)	4.24%	4.24%	4.24%	4.24%	4.24%	4.24%	4.24%	4.24%	4.24%
Indicated Cost of Common Equity	11.28%	24.70%	17.45%	12.86%	10.92%	10.49%	10.63%	11.06%	15.69%
								Average	13.90%
								Median	11.28%

Notes:

- (1) Based upon data from CRSP(R) Data © 2012, Center For Research in Security Prices (CRSP(R)), The University of Chicago Booth School of Business.
- (2) From note 3 on page 2 of Schedule 9.

Tega Cay Water Services, Inc.
Indicated Common Equity Cost Rate
Through Use of a Risk Premium Model
Using an Adjusted Total Market Approach

<u>Line No.</u>		<u>Proxy Group of Nine Water Companies</u>
1.	Prospective Yield on Aaa Rated Corporate Bonds (1)	3.83 %
2.	Adjustment to Reflect Yield Spread Between Aaa Rated Corporate Bonds and A Rated Public Utility Bonds	<u>0.52 (2)</u>
3.	Adjusted Prospective Yield on A Rated Public Utility Bonds	4.35 %
4.	Adjustment to Reflect Bond Rating Difference of Proxy Group	<u>0.29 (3)</u>
5.	Adjusted Prospective Bond Yield	4.64 %
6.	Equity Risk Premium (5)	<u>5.13</u>
7.	Risk Premium Derived Common Equity Cost Rate	<u><u>9.77 %</u></u>

- Notes:
- (1) Six quarter average consensus forecast ending with Q1 of 2014 of Moody's Aaa Rated Corporate bonds from Blue Chip Financial Forecasts (see page 9 of this Schedule).
 - (2) The average yield spread of A rated public utility bonds over Aaa rated corporate bonds of 0.52% from page 4 of this Schedule.
 - (3) Adjustment to reflect the A3 Moody's bond rating of the proxy group of nine water companies as shown on page 6 of this Schedule. The 29 basis point adjustment is derived by taking 1/3 of the spread between Baa2 and A2 Public Utility Bonds ($1/3 * 0.88\% = 0.29\%$).
 - (4) From page 7 of this Schedule.

Tega Cav Water Services, Inc.
Comparison of Bond Ratings, Business Risk and Financial Risk Profiles for the
Proxy Group of Nine Water Companies

Proxy Group of Nine Water Companies	Moody's		Standard & Poor's					
	Bond Rating		Bond Rating		Business Risk		Financial Risk	
	Rating	Numerical Weighting (1)	Rating	Numerical Weighting (1)	Profile (2)	Numerical Weighting (1)	Profile (2)	Numerical Weighting (1)
American States Water Co. (3)	A2	6.0	A+	5.0	Excellent	1.0	Intermediate	3.0
American Water Works Co., Inc. (4)	Baa1	8.0	A	6.0	Excellent	1.0	Significant	4.0
Aqua America, Inc. (5)	NR	--	AA-	4.0	Excellent	1.0	Intermediate	3.0
Artesian Resources Corp.	NR	--	NR	--	NR	--	NR	--
California Water Service Group (6)	NR	--	AA-	4.0	Excellent	1.0	Intermediate	3.0
Connecticut Water Service, Inc. (7)	NR	--	A	6.0	Excellent	1.0	Significant	4.0
Middlesex Water Company	NR	--	A	6.0	Excellent	1.0	Significant	4.0
SJW Corporation (8)	NR	--	A-	7.0	Excellent	1.0	Significant	4.0
York Water Company	A3	7.0	A+ / A	5.5	Excellent	1.0	Significant	3.6
Average								

- Notes: (1) From page 5 of this Schedule.
(2) From Standard & Poor's Issuer Ranking: U.S. Investor-Owned Water Utilities; Strongest to Weakest, August 6, 2012.
(3) Ratings, business risk and financial risk profiles are those of Golden State Water Company.
(4) Rating, business risk and financial risk profiles are those of Pennsylvania and New Jersey American Water.
(5) Ratings, business risk and financial risk profiles are those of Aqua Pennsylvania, Inc.
(6) Ratings, business risk and financial risk profiles are those of California Water Service Co.
(7) Ratings, business risk and financial risk profiles are those of Connecticut Water Company.
(8) Ratings, business risk and financial risk profiles are those of San Jose Water Co.

Moody's Investors Service
Standard & Poor's Global Utilities Rating Service

Tega Cay Water Services, Inc.
Numerical Assignment for
Moody's and Standard & Poor's Bond Ratings
and Standard & Poor's Business and Financial Risk Profiles

<u>Moody's Bond Rating</u>	<u>Numerical Bond Weighting</u>	<u>Standard & Poor's Bond Rating</u>
Aaa	1	AAA
Aa1	2	AA+
Aa2	3	AA
Aa3	4	AA-
A1	5	A+
A2	6	A
A3	7	A-
Baa1	8	BBB+
Baa2	9	BBB
Baa3	10	BBB-
Ba1	11	BB+
Ba2	12	BB
Ba3	13	BB-

Standard & Poor's

<u>Business Risk Profile</u>	<u>Numerical Weighting</u>	<u>Financial Risk Profile</u>	<u>Numerical Weighting</u>
Excellent	1	Minimal	1
Strong	2	Modest	2
Satisfactory	3	Intermediate	3
Fair	4	Significant	4
Weak	5	Aggressive	5
Vulnerable	6	Highly Leveraged	6

Moody's
Comparison of Interest Rate Trends
for the Three Months Ending September 2012 (1)

Months	Corporate Bonds Aaa Rated	Public Utility Bonds		Spread - Corporate v. Public Utility Bonds		
		Aa Rated	A Rated	Aa (Pub. Util.) over Aaa (Corp.)	A (Pub. Util.) over Aaa (Corp.)	Baa (Pub. Util.) over Aaa (Corp.)
September-12	3.49 %	3.69 %	4.02 %			
August-12	3.48	3.65	4.00			
July-12	3.40	3.58	3.93			
Average of Last 3 Months	<u>3.46 %</u>	<u>3.64 %</u>	<u>3.98 %</u>	<u>0.18 %</u>	<u>0.52 %</u>	<u>1.39 %</u>
				<u>0.34 %</u>	<u>0.87 %</u>	

Notes: (1) All yields are distributed yields.

Source of Information: Mergent Bond Record, October 2012, Vol. 79, No. 10.

Tega Cay Water Services, Inc.
Judgment of Equity Risk Premium for
the Proxy Group of Nine Water Companies

<u>Line No.</u>		<u>Proxy Group of Nine Water Companies</u>
1.	Calculated equity risk premium based on the total market using the beta approach (1)	5.69 %
2.	Mean equity risk premium based on a study using the holding period returns of public utilities with A rated bonds (2)	<u>4.57</u>
3.	Average equity risk premium	<u><u>5.13 %</u></u>

Notes: (1) From page 8 of this Schedule.
(2) From page 10 of this Schedule.

Tega Cay Water Services, Inc.
Derivation of Equity Risk Premium Based on the Total Market Approach
Using the Beta for
the Proxy Group of Nine Water Companies

<u>Line No.</u>		<u>Proxy Group of Nine Water Companies</u>
<u>Based on SBBI Valuation Yearbook Data:</u>		
1.	Ibbotson Equity Risk Premium (1)	5.51 %
2.	Ibbotson Equity Risk Premium based on PRPM TM (2)	9.09
<u>Based on Value Line Summary and Index:</u>		
3.	Equity Risk Premium Based on <u>Value Line Summary and Index (3)</u>	<u>11.64</u>
4.	Conclusion of Equity Risk Premium (4)	8.75 %
5.	Adjusted Value Line Beta (5)	<u>0.65</u>
6.	Beta Adjusted Equity Risk Premium	<u><u>5.69 %</u></u>

- Notes: (1) Based on the arithmetic mean historical monthly returns on large company common stocks from Ibbotson® SBBI® 2012 Valuation Yearbook - Market Results for Stocks, Bonds, Bills, and Inflation minus the arithmetic mean monthly yield of Moody's Aaa and Aa corporate bonds from 1926 - 2011. (11.77% - 6.26% = 5.51%).
- (2) The Predictive Risk Premium Model (PRPMTM) is discussed in Ms. Ahern's accompanying direct testimony. The Ibbotson equity risk premium based on the PRPMTM is derived by applying the PRPMTM to the monthly risk premiums between Ibbotson large company common stock monthly returns minus the average Aaa and Aa corporate monthly bond yields, from January 1928 through September 2012.
- (3) The equity risk premium based on the Value Line Summary and Index is derived from taking the projected 3-5 year total annual market return of 15.47% (described fully in note 1 of page 2 of Schedule 9) and subtracting the average consensus forecast of Aaa corporate bonds of 3.83% (Shown on page 3 of this Schedule). (15.47% - 3.83% = 11.64%).
- (4) Average of Lines 1, 2, & 3.
- (5) Median beta derived from page 1 of Schedule 9.

Sources of Information:

Ibbotson® SBBI® 2012 Valuation Yearbook - Market Results for Stocks, Bonds, Bills, and Inflation, Morningstar, Inc., 2012 Chicago, IL.
Industrial Manual and Mergent Bond Record Monthly Update.
Value Line Summary and Index
Blue Chip Financial Forecasts, November 1, 2012

Consensus Forecasts Of U.S. Interest Rates And Key Assumptions¹

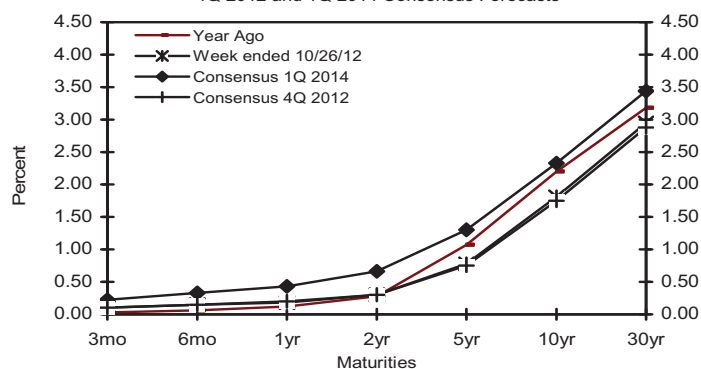
Interest Rates	History								Consensus Forecasts-Quarterly Avg.					
	Average For Week Ending				Average For Month				4Q	1Q	2Q	3Q	4Q	1Q
	Oct. 26	Oct. 19	Oct. 12	Oct. 5	Sept.	August	July	3Q 2012	2012	2013	2013	2013	2013	2014
Federal Funds Rate	0.16	0.16	0.15	0.13	0.14	0.13	0.16	0.14	0.2	0.2	0.2	0.2	0.2	0.2
Prime Rate	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.3	3.3	3.3	3.3	3.3	3.3
LIBOR, 3-mo.	0.32	0.33	0.35	0.35	0.39	0.43	0.46	0.43	0.4	0.4	0.4	0.4	0.4	0.5
Commercial Paper, 1-mo.	0.13	0.14	0.13	0.13	0.12	0.14	0.14	0.13	0.2	0.2	0.2	0.2	0.2	0.3
Treasury bill, 3-mo.	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.1	0.1	0.1	0.1	0.2	0.2
Treasury bill, 6-mo.	0.15	0.15	0.15	0.14	0.14	0.14	0.15	0.14	0.1	0.2	0.2	0.2	0.3	0.3
Treasury bill, 1 yr.	0.18	0.18	0.18	0.17	0.18	0.18	0.19	0.18	0.2	0.2	0.2	0.3	0.3	0.4
Treasury note, 2 yr.	0.30	0.29	0.27	0.24	0.26	0.27	0.25	0.26	0.3	0.3	0.4	0.5	0.5	0.7
Treasury note, 5 yr.	0.78	0.74	0.67	0.63	0.67	0.71	0.62	0.67	0.8	0.8	0.9	1.1	1.2	1.3
Treasury note, 10 yr.	1.81	1.79	1.71	1.67	1.72	1.68	1.53	1.64	1.7	1.8	2.0	2.1	2.2	2.3
Treasury note, 30 yr.	2.95	2.94	2.88	2.86	2.88	2.77	2.59	2.75	2.9	3.0	3.1	3.2	3.3	3.4
Corporate Aaa bond	3.50	3.50	3.44	3.44	3.49	3.48	3.40	3.46	3.6	3.6	3.8	3.9	4.0	4.1
Corporate Baa bond	4.53	4.55	4.60	4.69	4.84	4.91	4.87	4.87	4.8	4.8	4.9	5.1	5.2	5.3
State & Local bonds	3.68	3.68	3.64	3.61	3.73	3.74	3.78	3.75	3.7	3.7	3.8	3.8	3.9	4.0
Home mortgage rate	3.41	3.37	3.39	3.36	3.50	3.60	3.55	3.55	3.5	3.5	3.6	3.8	3.9	4.0

Key Assumptions	History								Consensus Forecasts-Quarterly					
	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q
	2010	2011	2011	2011	2011	2012	2012	2012	2012	2013	2013	2013	2013	2014
Major Currency Index	73.0	71.9	69.6	69.9	72.4	72.9	73.9	74.0	73.1	73.5	73.9	74.2	74.2	74.3
Real GDP	2.4	0.1	2.5	1.3	4.1	2.0	1.3	2.0	1.8	1.7	2.2	2.6	2.8	2.8
GDP Price Index	2.1	2.0	2.6	3.0	0.4	2.0	1.6	2.8	2.1	1.9	1.8	2.0	2.0	2.1
Consumer Price Index	3.0	4.5	4.4	3.1	1.3	2.5	0.8	2.3	2.4	1.8	2.1	2.3	2.2	2.2

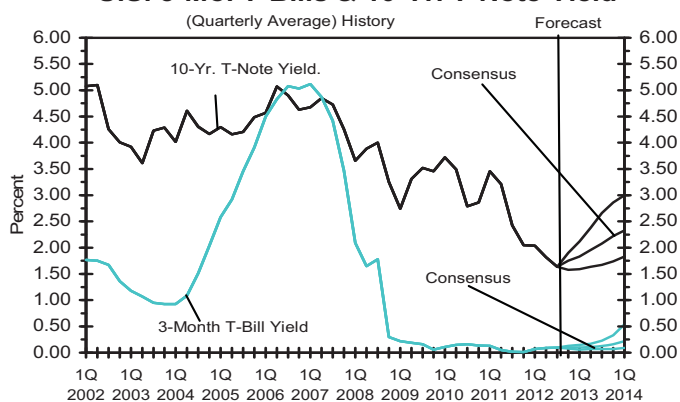
Forecasts for interest rates and the Federal Reserve's Major Currency Index represent averages for the quarter. Forecasts for Real GDP, GDP Price Index and Consumer Price Index are seasonally-adjusted annual rates of change (saar). Individual panel members' forecasts are on pages 4 through 9. Historical data for interest rates except LIBOR is from Federal Reserve Release (FRSR) H.15. LIBOR quotes available from *The Wall Street Journal*. Interest rate definitions are the same as those in FRSR H.15. Treasury yields are reported on a constant maturity basis. Historical data for the Fed's Major Currency Index is from FRSR H.10 and G.5. Historical data for Real GDP and GDP Chained Price Index are from the Bureau of Economic Analysis (BEA). Consumer Price Index (CPI) history is from the Department of Labor's Bureau of Labor Statistics (BLS).

U.S. Treasury Yield Curve

Week ended October 26, 2012 and Year Ago vs.
4Q 2012 and 1Q 2014 Consensus Forecasts

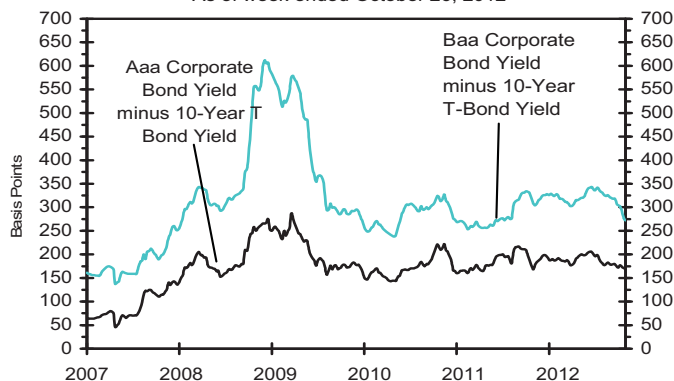


U.S. 3-Mo. T-Bills & 10-Yr. T-Note Yield



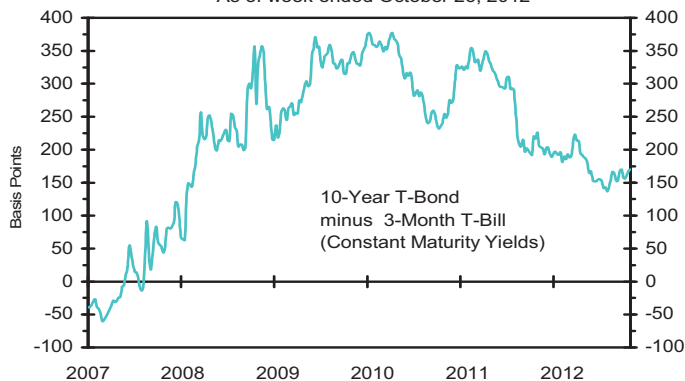
Corporate Bond Spreads

As of week ended October 26, 2012



U.S. Treasury Yield Curve

As of week ended October 26, 2012



Tega Cay Water Services, Inc.
Derivation of Mean Equity Risk Premium Based on a Study
Using Holding Period Returns of Public Utilities

<u>Line No.</u>		<u>Over A Rated Moody's Public Utility Bonds - AUS Consultants Study (1)</u>
1.	Arithmetic Mean Holding Period Returns on the Standard & Poor's Utility Index 1926-2011 (2):	10.56 %
2.	Arithmetic Mean Yield on Moody's A Rated Public Utility Yields 1926-2011	<u>(6.75)</u>
3.	Historical Equity Risk Premium	3.81 %
4.	Forecasted Equity Risk Premium Based on PRPM TM (3)	<u>5.33</u>
5.	Average of Historical and PRPM TM Equity Risk Premium	<u><u>4.57 %</u></u>
Notes: (1) Based on S&P Public Utility Index monthly total returns and Moody's Public Utility Bond average monthly yields from 1928-2011, (AUS Consultants, 2012).		
	(2) Holding period returns are calculated based upon income received (dividends and interest) plus the relative change in the market value of a security over a one-year holding period.	
	(3) The Predictive Risk Premium Model (PRPM TM) is applied to the risk premium of the monthly total returns of the S&P Utility Index and the monthly yields on Moody's A rated public utility bonds from 1928 - 2011.	

Tega Cay Water Services, Inc.
Indicated Common Equity Cost Rate Through Use
of the Traditional Capital Asset Pricing Model (CAPM) and Empirical Capital Asset Pricing Model (ECAPM)

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Proxy Group of Nine Water Companies	Value Line Adjusted Beta	Market Risk Premium (1)	Risk-Free Rate (2)	Traditional CAPM Cost Rate (3)	ECAPM Cost Rate (4)	Indicated Common Equity Cost Rate (5)
American States Water Co.	0.70	9.29 %	4.24 %	10.74 %	11.44 %	
American Water Works Co., Inc.	0.65	9.29	4.24	10.28	11.09	
Aqua America, Inc.	0.60	9.29	4.24	9.81	10.74	
Artesian Resources Corp.	0.55	9.29	4.24	9.35	10.39	
California Water Service Group	0.65	9.29	4.24	10.28	11.09	
Connecticut Water Service, Inc.	0.75	9.29	4.24	11.21	11.79	
Middlesex Water Company	0.70	9.29	4.24	10.74	11.44	
SJW Corporation	0.85	9.29	4.24	12.14	12.48	
York Water Company	<u>0.65</u>	9.29	4.24	<u>10.28</u>	<u>11.09</u>	
Average	<u>0.68</u>			<u>10.54 %</u>	<u>11.28 %</u>	<u>10.91 %</u>
Median	<u>0.65</u>			<u>10.28 %</u>	<u>11.09 %</u>	<u>10.69 %</u>

See page 2 for notes.

Tega Cay Water Services, Inc.
Development of the Market-Required Rate of Return on Common Equity Using
the Capital Asset Pricing Model for
the Proxy Group of Nine Water Companies
Adjusted to Reflect a Forecasted Risk-Free Rate and Market Return

Notes:

- (1) For reasons explained in Ms. Ahern's accompanying direct testimony, from the 13 weeks ending November 2, 2012, Value Line Summary & Index, a forecasted 3-5 year total annual market return of 15.47% can be derived by averaging the 13 weeks ending November 2, 2012 forecasted total 3-5 year total appreciation, converting it into an annual market appreciation and adding the Value Line average forecasted annual dividend yield.

The 3-5 year average total market appreciation of 64% produces a four-year average annual return of 13.16% $((1.64^{0.25}) - 1)$. When the average annual forecasted dividend yield of 2.31% is added, a total average market return of 15.47% (2.31% + 13.16%) is derived.

The 13 weeks ending November 2, 2012 forecasted total market return of 15.47% minus the risk-free rate of 4.24% (developed in Note 2) is 11.23% (15.47% - 4.24%).

The Predictive Risk Premium Model (PRPM™) market equity risk premium of 10.19% is derived by applying the PRPM™ to the monthly equity risk premium of large company common stocks over the income return on long-term U.S. Government Securities from January 1926 through September 2012.

The Morningstar, Inc. (Ibbotson Associates) calculated arithmetic mean monthly market equity risk premium of 6.45% for the period 1926-2011 results from a total market return of 11.77% less the arithmetic mean income return on long-term U.S. Government Securities of 5.32% (11.77% - 5.32% = 6.45%).

These three expectational risk premiums are then averaged, resulting in a 9.29% market equity risk premium, which is then multiplied by the beta in column 1 of page 1 of this Schedule. $((11.23\% + 10.18\% + 6.45\%)/3)$.

- (2) For reasons explained in Ms. Ahern's direct testimony, the risk-free rate that Ms. Ahern relies upon for her CAPM analysis is the average of the historical income return on 30 Year Treasury Bonds which is 5.32% for 1926-2011 and the average forecast based upon six quarterly estimates of 30-year Treasury Note yields per the consensus of nearly 50 economists reported in the Blue Chip Financial Forecasts dated November 1, 2012 (see page 9 of Exhibit 8). The estimates are detailed below:

Morningstar Historical Income Returns On 30 Year Treasury Bonds (1926-2011):	<u>5.32%</u>
	<u>30-Year</u>
	<u>Treasury Note Yield</u>
Fourth Quarter 2012	2.90%
First Quarter 2013	3.00%
Second Quarter 2013	3.10%
Third Quarter 2013	3.20%
Fourth Quarter 2013	3.30%
First Quarter 2014	<u>3.40%</u>
Average	<u>3.15%</u>
Average of Historical and Projected Returns on 30 Year Treasury Bonds:	5.32%
	<u>3.15</u>
	<u>8.47%</u>
	$8.47\%/2 = \underline{4.24\%}$

- (3) The traditional Capital Asset Pricing Model (CAPM) is applied using the following formula:

$$R_S = R_F + \beta (R_M - R_F)$$

Where R_S = Return rate of common stock
 R_F = Risk Free Rate
 β = Value Line Adjusted Beta
 R_M = Return on the market as a whole

- (4) The empirical CAPM is applied using the following formula:

$$R_S = R_F + .25 (R_M - R_F) + .75 \beta (R_M - R_F)$$

Where R_S = Return rate of common stock
 R_F = Risk-Free Rate
 β = Value Line Adjusted Beta
 R_M = Return on the market as a whole

Source of Information: Value Line Summary & Index
Blue Chip Financial Forecasts, November 1, 2012
Value Line Investment Survey, (Standard Edition), October 19, 2012
Ibbotson® S&P® 2012 Valuation Yearbook – Market Returns for Stocks, Bonds, Bills and Inflation, Morningstar, Inc., 2012, Chicago, IL

Tega Cay Water Services, Inc.
Summary of Cost of Equity Models Applied to the
Proxy Group of Non-Price-Regulated Companies
Comparable in Total Risk to the
Proxy Group of Nine Water Companies

<u>Principal Methods</u>	<u>Twenty-Nine Non- Price-Regulated Companies</u>
Projected Return on Book Common Equity (1)	14.75 %
Average of Market-Based Models (2)	<u>11.24 %</u>
Average	<u><u>13.00 %</u></u>

Notes:

- (1) From Schedule 12.
- (2) Average of the results of the DCF (11.48%), RPM (11.15%), and CAPM / ECAPM (11.09%) analyses as shown on pages 1, 2, and 5 of Schedule 13 respectively.

Tega Cay Water Services, Inc.
Basis of Selection of Comparable Risk
Domestic Non-Price Regulated Companies

Proxy Group of Nine Water Companies	Value Line Adjusted Beta	Unadjusted Beta	Residual Standard Error of the Regression	Standard Deviation of Beta
American States Water Co.	0.70	0.50	3.3880	0.0651
American Water Works Co., Inc.	0.65	0.45	3.1198	0.0624
Aqua America, Inc.	0.60	0.38	2.5887	0.0497
Artesian Resources Corp.	0.55	0.29	2.6177	0.0503
California Water Service Group	0.65	0.43	2.9893	0.0574
Connecticut Water Service, Inc.	0.75	0.56	3.1233	0.0600
Middlesex Water Company	0.70	0.53	2.6927	0.0517
SJW Corporation	0.85	0.72	3.7302	0.0717
York Water Company	0.65	0.46	3.1519	0.0606
Average	<u>0.68</u>	<u>0.48</u>	<u>3.0446</u>	<u>0.0588</u>
Beta Range (+/- 2 std. Devs. of Beta)	0.36	0.60		
2 std. Devs. of Beta	0.12			
Residual Std. Err. Range (+/- 2 std. Devs. of the Residual Std. Err.)	2.7770	3.3122		
Std. dev. of the Res. Std. Err.	0.1338			
2 std. devs. of the Res. Std. Err.	0.2676			

Tega Cay Water Services, Inc.
Proxy Group of Non-Price Regulated Companies
Comparable in Total Risk to the
Proxy Group of Nine Water Companies

Proxy Group of Twenty-Nine Non-Price-Regulated Companies	VL Adjusted Beta	Unadjusted Beta	Residual Standard Error of the Regression	Standard Deviation of Beta
Gallagher (Arthur J.)	0.75	0.57	3.0272	0.0582
Baxter Intl Inc.	0.70	0.48	2.9591	0.0569
Bristol-Myers Squibb	0.70	0.52	2.8178	0.0541
Brown & Brown	0.75	0.55	3.1992	0.0615
ConAgra Foods	0.65	0.42	2.7842	0.0535
Capitol Fed. Finl	0.65	0.41	3.2571	0.0626
CenturyLink Inc.	0.75	0.57	3.0688	0.0590
Quest Diagnostics	0.75	0.57	2.7972	0.0538
DaVita Inc.	0.70	0.47	2.9033	0.0558
Haemonetics Corp.	0.65	0.40	2.8886	0.0555
Hershey Co.	0.65	0.40	2.7790	0.0534
IAC/InterActiveCorp	0.75	0.60	3.2626	0.0664
Kroger Co.	0.60	0.37	2.9354	0.0564
Lancaster Colony	0.70	0.54	3.2377	0.0622
McKesson Corp.	0.75	0.58	3.2916	0.0633
Mercury General	0.70	0.48	3.0456	0.0585
Mead Johnson Nutrition	0.65	0.43	3.0823	0.0810
Marsh & McLennan	0.75	0.60	2.8876	0.0555
Northwest Bancshares	0.75	0.60	3.2027	0.0615
Owens & Minor	0.70	0.52	3.2789	0.0630
Peoples United Finl	0.70	0.48	3.0918	0.0594
Sherwin-Williams	0.70	0.48	3.0546	0.0587
Smucker (J.M.)	0.70	0.50	2.9584	0.0568
Silgan Holdings	0.75	0.56	2.9539	0.0568
Suburban Propane	0.75	0.57	3.0145	0.0579
Stericycle Inc.	0.70	0.50	3.0129	0.0579
Weis Markets	0.65	0.43	2.9829	0.0573
Watson Pharmac.	0.75	0.55	3.2962	0.0633
Berkley (W.R.)	0.70	0.50	3.0518	0.0586
Average	0.71	0.51	3.0387	0.0593
Proxy Group of Nine Water Companies	0.68	0.48	3.0446	0.0588

Basis of Selection of the Group of Non-Price Regulated Companies
Comparable in Total Risk to the Proxy Group of Nine Water Companies

- (1) The criteria for selection of the proxy group of twenty-nine non-price regulated companies was that the non-price regulated companies be domestic and have a meaningful projected rate of return on book common equity, shareholder's equity, net worth or partner's capital for the years 2014-2016, as reported in Value Line Investment Survey (Standard Edition). The proxy group of twenty-nine non-price regulated companies was selected based upon the water industry unadjusted beta range of 0.36 – 0.60 and standard error of the regression range of 2.7770 – 3.3122. These ranges are based upon plus or minus two standard deviations of the unadjusted beta and standard error of the regression. Plus or minus two standard deviations captures 95.50% of the distribution of unadjusted betas and standard errors of the regression.
- (2) The standard deviation of the water industry's standard error of the regression is 0.1368. The standard deviation of the standard error of the regression is calculated as follows:

$$\text{Standard Deviation of the Std. Err. of the Regr.} = \frac{\text{Standard Error of the Regression}}{\sqrt{2N}}$$

where: N = number of observations. Since Value Line betas are derived from weekly price change observations over a period of five years, N = 259

$$\text{Thus, } 0.1368 = \frac{3.0446}{\sqrt{518}} = \frac{3.0446}{22.7596}$$

Source of Information: Value Line, Inc., September 15, 2012
Value Line Investment Survey (Standard Edition)

Tega Cay Water Services, Inc.
Comparable Earnings Analysis
for the Proxy Group of Non-Price-Regulated Companies Comparable to the
Proxy Group of Nine Water Companies(1)

Proxy Group of Twenty-Nine Non-Price-Regulated Companies	VL Adjusted Beta	Unadjusted Beta	Residual Standard Error of the Regression	Standard Deviation of Beta	Rate of Return on Book Common Equity, Net Worth, or Partner's Capital	
					5-Year Projected (2)	
					5 Year Projection	Student's T Statistic
Gallagher (Arthur J.)	0.75	0.57	3.0272	0.0582	14.50 %	(0.3)
Baxter Intl Inc.	0.70	0.48	2.9591	0.0569	36.00	1.6
Bristol-Myers Squibb	0.70	0.52	2.8178	0.0541	23.00	0.5
Brown & Brown	0.75	0.55	3.1992	0.0615	12.00	(0.5)
ConAgra Foods	0.65	0.42	2.7842	0.0535	18.50	0.1
Capitol Fed. Finl	0.65	0.41	3.2571	0.0626	3.50	(1.3)
CenturyLink Inc.	0.75	0.57	3.0688	0.0590	8.00	(0.9)
Quest Diagnostics	0.75	0.57	2.7972	0.0538	16.00	(0.2)
DaVita Inc.	0.70	0.47	2.9033	0.0558	17.00	(0.1)
Haemonetics Corp.	0.65	0.40	2.8886	0.0555	10.50	(0.6)
Hershey Co.	0.65	0.40	2.7790	0.0534	50.50 (3)	2.9
IAC/InterActiveCorp	0.75	0.60	3.2626	0.0664	11.00	(0.6)
Kroger Co.	0.60	0.37	2.9354	0.0564	24.00	0.5
Lancaster Colony	0.70	0.54	3.2377	0.0622	16.50	(0.1)
McKesson Corp.	0.75	0.58	3.2916	0.0633	19.00	0.1
Mercury General	0.70	0.48	3.0456	0.0585	9.50	(0.7)
Mead Johnson Nutrition	0.65	0.43	3.0823	0.0810	50.50 (3)	2.9
Marsh & McLennan	0.75	0.60	2.8876	0.0555	17.00	(0.1)
Northwest Bancshares	0.75	0.60	3.2027	0.0615	8.00	(0.9)
Owens & Minor	0.70	0.52	3.2789	0.0630	13.00	(0.4)
Peoples United Finl	0.70	0.48	3.0918	0.0594	8.00	(0.9)
Sherwin-Williams	0.70	0.48	3.0546	0.0587	28.50	0.9
Smucker (J.M.)	0.70	0.50	2.9584	0.0568	11.50	(0.6)
Silgan Holdings	0.75	0.56	2.9539	0.0568	16.00	(0.2)
Suburban Propane	0.75	0.57	3.0145	0.0579	NMF	(1.6)
Stericycle Inc.	0.70	0.50	3.0129	0.0579	15.00	(0.3)
Weis Markets	0.65	0.43	2.9829	0.0573	9.00	(0.8)
Watson Pharmac.	0.75	0.55	3.2962	0.0633	21.00	0.3
Berkley (W.R.)	0.70	0.50	3.0518	0.0586	12.50	(0.5)
Average	0.71	0.51	3.0387	0.0593		
Average for the Proxy Group of Nine Water Companies	0.68	0.48	3.0446 (1)	0.0588		
Median (4)					15.50%	
Conservative Median (5)					14.75%	

Notes:

- (1) See Page 4 of Schedule 12.
- (2) From Value Line Investment Survey, various issues for the years 2013 - 2015 / 2014 - 2016.
- (3) The student's T statistic associated with these returns exceeds 2.048 at the 95% level of confidence. Therefore, they have been excluded, as outliers, to arrive at proper projected returns as fully explained in Ms. Ahern's testimony.
- (4) Median five year projected rate of return on book common equity, shareholders' equity, net worth, or partners' capital including returns identified as outliers as outlined in note (3) above.
- (5) Median five year projected rate of return on book common equity, shareholders' equity, net worth, or partners' capital excluding returns identified as outliers as outlined in note (3) above.

Tega Cay Water Services, Inc.
DCF Results for the Proxy Group of Non-Price-Regulated Companies Comparable in Total Risk to
the Proxy Group of Nine Water Companies.

Proxy Group of Twenty- Nine Non-Price- Regulated Companies	Average Dividend Yield	Value Line Projected Five Year Growth in EPS	Reuters Mean Consensus Projected Five Year Growth Rate in EPS	Zack's Five Year Projected Growth Rate in EPS	Yahoo! Finance Projected Five Year Growth in EPS	Average Projected Five Year Growth Rate in EPS	Adjusted Dividend Yield	Indicated Common Equity Cost Rate
Gallagher (Arthur J.)	3.79 %	10.00 %	11.00 %	11.80 %	11.74 %	11.14 %	4.00 %	15.14 %
Baxter Intl Inc.	2.23	9.50	8.00	8.70	8.31	8.63	2.33	10.96
Bristol-Myers Squibb	4.14	8.00	2.80	2.80	2.80	4.10	4.22	8.32
Brown & Brown	1.31	7.00	12.00	12.60	11.80	10.85	1.38	12.23
ConAgra Foods	3.63	9.00	7.30	7.30	7.38	7.75	3.77	11.52
Capitol Fed. Finl	2.55	8.00	NA	NA	3.00	5.50	2.62	8.12
CenturyTel, Inc.	7.11	1.50	5.80	4.40	8.34	5.01	7.29	12.30
Quest Diagnostics	1.11	7.00	11.00	11.70	11.98	10.42	1.17	11.59
DaVita Inc.	-	13.00	12.00	12.60	11.85	12.36	-	NA
Haemonetics Corp.	-	9.50	12.00	13.00	12.33	11.71	-	NA
Hershey Co.	2.13	12.50	9.00	9.10	9.60	10.05	2.24	12.29
IAC/InterActiveCorp	0.92	32.50	22.00	16.70	26.17	24.34	1.03	25.37
Kroger Co.	1.97	10.00	8.80	9.10	9.08	9.25	2.06	11.31
Lancaster Colony	2.00	5.50	10.00	NA	10.00	8.50	2.08	10.58
McKesson Corp.	0.91	11.00	12.00	14.00	11.75	12.19	0.96	13.15
Mercury General	6.30	5.00	6.70	5.10	2.10	4.73	6.45	11.18
Mead Johnson Nutrition	1.66	12.50	11.00	10.30	11.35	11.29	1.75	13.04
Marsh & McLennan	2.71	15.00	11.00	11.90	12.23	12.53	2.87	15.40
Northwest Bancshares	3.99	13.50	5.00	5.00	5.00	7.13	4.14	11.27
Owens & Minor	3.05	8.00	8.20	8.80	8.20	8.30	3.18	11.48
Peoples United Fin	5.36	23.00	10.00	7.00	8.87	12.22	5.68	17.90
Sherwin-Williams	1.07	14.50	12.00	17.70	12.65	14.21	1.15	15.36
Smucker (J.M.)	2.28	8.00	8.00	8.70	8.07	8.19	2.37	10.56
Silgan Holdings	1.14	9.00	9.20	10.00	9.20	9.35	1.19	10.54
Suburban Propane	8.52	(1.00)	2.20	2.00	2.05	2.08	8.61	10.69
Stericycle Inc.	-	12.00	15.00	16.30	14.90	14.55	-	NA
Weis Markets	2.84	4.50	NA	NA	NA	4.50	2.90	7.40
Watson Pharmac.	-	17.00	11.00	11.90	11.78	12.92	-	NA
Berkley (W.R.)	0.95	13.50	9.60	9.50	9.00	10.40	1.00	11.40
Average								12.36 %
Median								11.48 %

NA= Not Available

NMF= Not Meaningful Figure

- (1) Ms. Ahern's application of the DCF model to the domestic, non-price regulated comparable risk companies is identical to the application of the DCF to her proxy group of water companies. She uses the 60 day average price and the spot indicated dividend as of October 31, 2012 for her dividend yield and then adjusts that yield for 1/2 the average projected growth rate in EPS, which is calculated by averaging the 5 year projected growth in EPS provided by Value Line, www.reuters.com, www.zacks.com, and www.yahoo.com (excluding any negative growth rates) and then adding that growth rate to the adjusted dividend yield.

Source of Information: Value Line Investment Survey:
www.reuters.com Downloaded on 11/01/2012
www.zacks.com Downloaded on 11/01/2012
www.yahoo.com Downloaded on 11/01/2012

Tega Cay Water Services, Inc.
Indicated Common Equity Cost Rate
Through Use of a Risk Premium Model
Using an Adjusted Total Market Approach

<u>Line No.</u>		<u>Proxy Group of Twenty-Nine Non- Price-Regulated Companies</u>
1.	Prospective Yield on Baa Rated Corporate Bonds (1)	5.02 %
2.	Equity Risk Premium (2)	<u>6.13</u>
3.	Risk Premium Derived Common Equity Cost Rate	<u><u>11.15 %</u></u>

Notes: (1) Average forecast based upon six quarterly estimates of Baa rated corporate bonds per the consensus of nearly 50 economists reported in Blue Chip Financial Forecasts dated November 1, 2012 (see page 9 of Schedule 8). The estimates are detailed below.

Fourth Quarter 2012	4.80 %
First Quarter 2013	4.80
Second Quarter 2013	4.90
Third Quarter 2013	5.10
Fourth Quarter 2013	5.20
First Quarter 2014	<u>5.30</u>
Average	<u><u>5.02 %</u></u>

(2) From page 4 of this Schedule.

Tega Cay Water Services, Inc.
Comparison of Bond Ratings for the
Proxy Group of Non-Price-Regulated Companies Comparable in Total Risk to the
Proxy Group of Nine Water Companies

Proxy Group of Twenty-Nine Non-Price-Regulated Companies	Moody's Bond Rating November 2012		Standard & Poor's Bond Rating November 2012	
	Bond Rating	Numerical Weighting (1)	Bond Rating	Numerical Weighting (1)
Gallagher (Arthur J.)	NR	--	NR	--
Baxter Intl Inc.	A3	7.0	A+	5.0
Bristol-Myers Squibb	A2	6.0	A+	5.0
Brown & Brown	NR	--	NR	--
ConAgra Foods	Baa2	9.0	BBB	9.0
Capitol Fed. Finl	NR	--	NR	--
CenturyLink Inc.	Baa3	10.0	BBB	9.0
Quest Diagnostics	Baa2	9.0	BBB+	8.0
DaVita Inc.	B2	15.0	B	15.0
Haemonetics Corp.	NR	--	NR	--
Hershey Co.	A2	6.0	A+	5.0
IAC/InterActiveCorp	Ba3	13.0	NR	--
Kroger Co.	Baa2	9.0	BBB	9.0
Lancaster Colony	NR	--	NR	--
McKesson Corp.	Baa2	9.0	A-	7.0
Mercury General	NR	--	NR	--
Mead Johnson Nutrition	Baa1	8.0	BBB-	10.0
Marsh & McLennan	Baa2	9.0	BBB-	10.0
Northwest Bancshares	NR	--	NR	--
Owens & Minor	Ba1	11.0	BBB	9.0
Peoples United Finl	A2	6.0	NR	--
Sherwin-Williams	A3	7.0	A	6.0
Smucker (J.M.)	A3	7.0	NR	--
Silgan Holdings	Ba2	12.0	NR	--
Suburban Propane	Ba3	13.0	BB-	13.0
Stericycle Inc.	NR	--	NR	--
Weis Markets	NR	--	NR	--
Watson Pharmac.	Baa3	10.0	NR	--
Berkley (W.R.)	Baa2	9.0	BBB+	8.0
Average	<u>Baa2</u>	<u>9.3</u>	<u>BBB+</u>	<u>8.5</u>

Notes:

(1) From page 5 of Schedule 8.

Source of Information:

Standard & Poor's Bond Guide October 2012
www.moodys.com; downloaded 11/1/2012

Tega Cay Water Services, Inc.
Derivation of Equity Risk Premium Based on the Total Market Approach
Using the Beta for
the Proxy Group of Non-Price-Regulated Companies
Proxy Group of Nine Water Companies

<u>Line No.</u>	<u>Proxy Group of Twenty-Nine Non- Price-Regulated Companies</u>
<u>Based on SBBI Valuation Yearbook Data:</u>	
1. Ibbotson Equity Risk Premium (1)	5.51 %
2. Ibbotson Equity Risk Premium based on PRPMTM (2)	9.09
<u>Based on Value Line Summary and Index:</u>	
3. Equity Risk Premium Based on <u>Value Line Summary and Index</u> (3)	<u>11.64</u>
4. Conclusion of Equity Risk Premium (4)	8.75 %
5. Adjusted Value Line Beta (5)	<u>0.70</u>
6. Forecasted Equity Risk Premium	<u><u>6.13 %</u></u>

- Notes:
- (1) Based on the arithmetic mean historical monthly returns on large company common stocks from Ibbotson® SBBI® 2012 Valuation Yearbook - Market Results for Stocks, Bonds, Bills, and Inflation minus the arithmetic mean monthly yield of Moody's Aaa and Aa corporate bonds from 1926 - 2011. (11.77% - 6.26% = 5.51%).
 - (2) The Predictive Risk Premium Model (PRPM™) is discussed in Ms. Ahern's accompanying direct testimony. The Ibbotson equity risk premium based on the PRPM™ is derived by applying the PRPM™ to the monthly risk premiums between Ibbotson large company common stock monthly returns minus the average Aaa and Aa corporate monthly bond yields, from January 1928 through September 2012.
 - (3) From page 8 of Schedule 8.
 - (4) Average of Lines 1, 2, & 3. Average of Lines 1, 2, & 3.
 - (5) Median beta derived from page 5 of this Schedule.

Sources of Information:

Ibbotson® SBBI® 2012 Valuation Yearbook - Market Results for Stocks, Bonds, Bills, and Inflation, Morningstar, Inc., 2012 Chicago, IL.
Value Line Summary and Index
Blue Chip Financial Forecasts, November 1, 2012

Tega Cay Water Services, Inc.
Traditional CAPM and ECAPM Results for the Proxy Group of Non-Price-Regulated Companies Comparable in Total Risk to the
Proxy Group of Nine Water Companies

Proxy Group of Twenty-Nine Non-Price-Regulated Companies	Value Line Adjusted Beta	Market Risk Premium (1)	Risk-Free Rate (2)	Traditional CAPM Cost Rate (3)	ECAPM Cost Rate (4)	Indicated Common Equity Cost Rate (5)
Gallagher (Arthur J.)	0.75	9.29 %	4.24 %	11.21 %	11.79 %	
Baxter Intl Inc.	0.70	9.29	4.24	10.74	11.44	
Bristol-Myers Squibb	0.70	9.29	4.24	10.74	11.44	
Brown & Brown	0.75	9.29	4.24	11.21	11.79	
ConAgra Foods	0.65	9.29	4.24	10.28	11.09	
Capitol Fed. Finl	0.65	9.29	4.24	10.28	11.09	
CenturyLink Inc.	0.75	9.29	4.24	11.21	11.79	
Quest Diagnostics	0.75	9.29	4.24	11.21	11.79	
DaVita Inc.	0.70	9.29	4.24	10.74	11.44	
Haemonetics Corp.	0.65	9.29	4.24	10.28	11.09	
Hershey Co.	0.65	9.29	4.24	10.28	11.09	
IAC/InterActiveCorp	0.75	9.29	4.24	11.21	11.79	
Kroger Co.	0.60	9.29	4.24	9.81	10.74	
Lancaster Colony	0.70	9.29	4.24	10.74	11.44	
McKesson Corp.	0.75	9.29	4.24	11.21	11.79	
Mercury General	0.70	9.29	4.24	10.74	11.44	
Mead Johnson Nutrition	0.65	9.29	4.24	10.28	11.09	
Marsh & McLennan	0.75	9.29	4.24	11.21	11.79	
Northwest Bancshares	0.75	9.29	4.24	11.21	11.79	
Owens & Minor	0.70	9.29	4.24	10.74	11.44	
Peoples United Finl	0.70	9.29	4.24	10.74	11.44	
Sherwin-Williams	0.70	9.29	4.24	10.74	11.44	
Smucker (J.M.)	0.70	9.29	4.24	10.74	11.44	
Silgan Holdings	0.75	9.29	4.24	11.21	11.79	
Suburban Propane	0.75	9.29	4.24	11.21	11.79	
Stericycle Inc.	0.70	9.29	4.24	10.74	11.44	
Weis Markets	0.65	9.29	4.24	10.28	11.09	
Watson Pharmac.	0.75	9.29	4.24	11.21	11.79	
Berkley (W.R.)	0.70	9.29	4.24	10.74	11.44	
Average	0.71			10.79 %	11.48 %	11.14 %
Median	0.70			10.74 %	11.44 %	11.09 %

Notes:

- (1) From Schedule 11, page 2, note 1.
- (2) From Schedule 11, page 2, note 2.
- (3) Derived from the model shown on Schedule 11, page 2, note 3.
- (4) Derived from the model shown on Schedule 11, page 2, note 4.
- (5) Average of CAPM and ECAPM cost rates.

Notes:

- (1) From Page 2 of this Schedule.
- (2) Gleaned from Column (D) on the bottom of this page. The appropriate decile (Column (A)) corresponds to the market capitalization of the proxy group, which is found in Column 1.
- (3) Corresponding risk premium to the decile is provided on Column (E) on the bottom of this page.
- (4) Line No. 1a Column 3 – Line No. 2 Column 3 and Line No. 1b, Column 3 – Line No. 3 of Column 3 etc.. For example, the 4.35% in Column 4, Line No. 2 is derived as follows $4.35\% = 6.1\% - 1.75\%$.

Tega Cay Water Services, Inc.
Market Capitalization of Tega Cay Water Services, Inc. and
the Proxy Group of Nine Water Companies

Company	Exchange	1 Common Stock Shares Outstanding at Fiscal Year End 2011 (millions)	2 Book Value per Share at Fiscal Year End 2011 (1)	3 Total Common Equity at Fiscal Year End 2011 (millions)	4 Closing Stock Market Price on October 31, 2012	5 Market-to-Book Ratio on October 31, 2012 (2)	6 Market Capitalization on October 31, 2012 (3) (millions)
Tega Cay Water Services, Inc.		NA	NA	1,296 (4)	NA		
Based Upon the Proxy Group of Nine Water Companies						196.2 % (5)	2,543 (6)
Proxy Group of Nine Water Companies							
American States Water Co.		18,789	\$ 21,750	\$ 408,666	\$ 44,020	202.4 %	\$ 827,091
American Water Works Co., Inc.		175,664	\$ 24,139	\$ 4,240,384	\$ 36,740	152.2	\$ 6,453,895
Aqua America, Inc.		138,815	\$ 9,014	\$ 1,251,313	\$ 25,390	281.7	\$ 3,524,515
Artesian Resources Corp.		7,739	\$ 14,601	\$ 112,997	\$ 23,010	157.6	\$ 178,077
California Water Service Group		41,817	\$ 10,757	\$ 449,829	\$ 18,420	171.2	\$ 770,269
Connecticut Water Service, Inc.		8,755	\$ 13,587	\$ 118,961	\$ 30,630	225.4	\$ 268,178
Middlesex Water Company		15,682	\$ 11,286	\$ 176,981	\$ 19,340	171.4	\$ 303,290
SWW Corporation		18,593	\$ 14,199	\$ 264,004	\$ 24,240	170.7	\$ 450,690
York Water Company		12,792	\$ 7,447	\$ 95,265	\$ 17,370	233.2	\$ 222,191
Average		48,738	\$ 14,087	\$ 790,933	\$ 26,573	196.2 %	\$ 1,444,244

NA= Not Available

- Notes: (1) Column 3 / Column 1.
(2) Column 4 / Column 2.
(3) Column 5 * Column 3.
(4) From Financial Statements of Tega Cay Water Services, Inc. for Fiscal Year End 2011.
(5) The market-to-book ratio of Tega Cay Water Services, Inc. on October 31, 2012 is assumed to be equal to the market-to-book ratio of the Proxy Group of Nine Water Companies at October 31, 2012.

(6) Tega Cay Water Services, Inc.'s common stock, if traded, would trade at a market-to-book ratio equal to the average market-to-book ratio at October 31, 2012 of the Proxy Group of Nine Water Companies, 196.2%, and Tega Cay Water Services, Inc.'s market capitalization on October 31, 2012 would therefore have been \$2,543 million.

Source of Information: 2011 Annual Forms 10K
yahoo.finance.com